# WIND-TUNNEL STUDY OF

# ONE TAMPA CITY CENTER

by

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| Symbol | Definition |
|---|---|
| $U$ | Local mean velocity |
| $D$ | Characteristic dimension (building height, width, etc.) |
| $\nu, \rho$ | Kinematic viscosity and density of approach flow |
| $\frac{UD}{\nu}$ | Reynolds number |
| $E$ | Mean voltage |
| $A, B, n$ | Constants |
| $U_{rms}$ | Root-mean-square of fluctuating velocity |
| $E_{rms}$ | Root-mean-square of fluctuating voltage |
| $U_\infty$ | Reference mean velocity outside the boundary layer |
| $X, Y$ | Horizontal coordinates |
| $Z$ | Height above surface |
| $\delta$ | Height of boundary layer |
| $T_u$ | Turbulence intensity $\frac{U_{rms}}{U_\infty}$ or $\frac{U_{rms}}{U}$ |
| $C_{p_{mean}}$ | Mean pressure coefficient, $\frac{(p-p_\infty)_{mean}}{0.5\ \rho\ U_\infty^2}$ |
| $C_{p_{rms}}$ | Root-mean-square pressure coefficient, $\frac{\left((p-p_\infty)-(p-p_\infty)_{mean}\right)_{rms}}{0.5\ \rho\ U_\infty^2}$ |
| $C_{p_{max}}$ | Peak maximum pressure coefficient, $\frac{(p-p_\infty)_{max}}{0.5\ \rho\ U_\infty^2}$ |
| $C_{p_{min}}$ | Peak minimum pressure coefficient, $\frac{(p-p_\infty)_{min}}{0.5\ \rho\ U_\infty^2}$ |
| $(\ )_{min}$ | Minimum value during data record |
| $(\ )_{max}$ | Maximum value during data record |
| $p$ | Fluctuating pressure at a pressure tap on the structure |
| $p_\infty$ | Static pressure in the wind tunnel above the model |

| Symbol | Definition |
|---|---|
| $F_x, F_y$ | Forces in X,Y direction |
| $M_x, M_y, M_z$ | Moments about X,Y,Z axes |
| $A_R$ | Reference Area |
| $L_R$ | Reference Length |
| $CF_X$ | Force coefficient, X direction, $\dfrac{F_x}{A_R\ 0.5\rho\ U_\infty^2}$ |
| $CF_Y$ | Force coefficient, Y direction, $\dfrac{F_y}{A_R\ 0.5\rho\ U_\infty^2}$ |
| $CM_X$ | Moment coefficient, X axis, $\dfrac{M_x}{A_R H_R\ 0.5\rho\ U_\infty^2}$ |
| $CM_Y$ | Moment coefficient, Y axis, $\dfrac{M_y}{A_R H_R\ 0.5\rho\ U_\infty^2}$ |
| $CM_Z$ | Moment coefficient, Z axis, $\dfrac{M_z}{A_R H_R\ 0.5\rho\ U_\infty^2}$ |

# 1. INTRODUCTION

## 1.1 General

A significant characteristic of modern building design is lighter cladding and more flexible frames. These features produce an increased vulnerability of glass and cladding to wind damage and result in larger deflections of the building frame. In addition, increased use of pedestrian plazas at the base of the buildings has brought about a need to consider the effects of wind and gustiness in the design of these areas.

The building geometry itself may increase or decrease wind loading on the structure. Wind forces may be modified by nearby structures which can produce beneficial shielding or adverse increases in loading. Overestimating loads results in uneconomical design; underestimating may result in cladding or window failures. Tall structures have historically produced unpleasant wind and turbulence conditions at their bases. The intensity and frequency of objectionable winds in pedestrian areas is influenced both by the structure shape and by the shape and position of adjacent structures.

Techniques have been developed during the past decade for wind tunnel modeling of proposed structures which allow the prediction of wind pressures on cladding and windows, overall structural loading, and also wind velocities and gusts in pedestrian areas adjacent to the building. Information on sidewalk-level gustiness allows plaza areas to be protected by design changes before the structure is constructed. Accurate knowledge of the intensity and distribution of the pressures on the structure permits adequate but economical selection of window strength to meet selected maximum design winds and overall wind loads for the design of the frame for flexural control.

Modeling of the aerodynamic loading on a structure requires special consideration of flow conditions in order to guarantee similitude between model and prototype. A detailed discussion of the similarity requirements and their wind tunnel implementation can be found in References (1), (2), and (3). In general, the requirements are that the model and prototype be geometrically similar, that the approach mean velocity at the building site have a vertical profile shape similar to the full-scale flow, that the turbulence characteristics of the flows be similar, and that the Reynolds number for the model and prototype be equal.

These criteria are satisfied by constructing a scale model of the structure and its surroundings and performing the wind tests in a wind tunnel specifically designed to model atmospheric boundary-layer flows. Reynolds number similarity requires that the quantity $UD/\nu$ be similar for model and prototype. Since $\nu$, the kinematic viscosity of air, is identical for both, Reynolds numbers cannot be made precisely equal with reasonable wind velocities. To accomplish this the air velocity in the wind tunnel would have to be as large as the model scale factor times the prototype wind velocity, a velocity which would introduce unacceptable compressibility effects. However, for sufficiently high Reynolds numbers ($>2\times10^4$) the pressure coefficient at any location on the structure will be essentially constant for a large range of Reynolds numbers. Typical values encountered are $10^7$-$10^8$ for the full-scale and $10^5$-$10^6$ for the wind-tunnel model. In this range acceptable flow similarity is achieved without precise Reynolds number equality.

## 1.2 The Wind Tunnel Test

The wind-engineering study is performed on a building or building group modeled at scales ranging from 1:150 to 1:400. The building model

is constructed of clear plastic fastened together with screws. The structure is modeled in detail to provide accurate flow patterns in the wind passing over the building surfaces. The building under test is often located in a surrounding where nearby buildings or terrain may provide beneficial shielding or adverse wind loading. To achieve similarity in wind effects the area surrounding the test building is also modeled. A flow visualization study is first made (smoke is used to make the air currents visible) to define overall flow patterns and identify regions where local flow features might cause difficulties in building curtain-wall design or produce pedestrian discomfort.

The test model, equipped with pressure taps (200 to 600 or more), is exposed to an appropriately modeled atmospheric wind in the wind tunnel and the fluctuating pressure at each tap measured electronically. The model, and the modeled area, are rotated 15 degrees and another set of data recorded for each pressure tap. Normally, 24 sets of data (360 degrees of turning) are taken; however, when flow visualization or recorded data indicate high pressure regions of small azimuthal extent, data is obtained in smaller azimuthal steps.

Data are recorded, analyzed and processed by an on-line computerized data-acquisition system. Pressure coefficients of several types are calculated by the computer for each reading on each piezometer tap and are printed in tabular form as computer readout. Using wind data applicable to the building site, representative wind velocities are selected for combination with measured pressures on the building model. Integration of test data with wind data results in prediction of peak local wind pressures for design of glass or cladding and may include overall forces and moments on the structure (by floor if desired) for design of

the structural frame. Pressure contours are drawn on the developed building surfaces showing the intensity and distribution of peak wind loads on the building. These results may be used to divide the building into zones where lighter or heavier cladding or glass may be desirable.

Based on the visualization (smoke) tests and on a knowledge of heavy pedestrian use areas, a dozen or more locations may be chosen at the base of the building where wind velocities can be measured to determine the relative comfort or discomfort of pedestrians in plaza areas, near building entrances, near building corners, or on sidewalks. Usually a reference pedestrian position is also tested to determine whether the wind environment in the building area is better or worse than the environment a block or so away in an undisturbed area.

The following pages discuss in greater detail the procedures followed and the equipment and data collecting and processing methods used. In addition, the data presentation format is explained and the implications of the data are discussed.

# 2. EXPERIMENTAL CONFIGURATION

## 2.1 Wind Tunnel

Wind-engineering studies are performed in the Fluid Dynamics and Diffusion Laboratory at Colorado State University (Figure 1). Three large wind tunnels are available for wind loading studies depending on the detailed requirements of the study. The wind tunnel used for this investigation is shown in Figure 2. All tunnels have a flexible roof adjustable in height to maintain a zero pressure gradient along the test section. The mean velocity can be adjusted continuously in each tunnel to the maximum velocity available.

## 2.2 Model

In order to obtain an accurate assessment of local pressures using piezometer taps, models are constructed to the largest scale that does not produce significant blockage in the wind-tunnel test section. The models are constructed of 1/2 in. thick Lucite plastic and fastened together with metal screws. Significant variations in the building surface, such as mullions, are machined into the plastic surface. Piezometer taps (1/16 in. dia) are drilled normal to the exterior vertical surfaces in rows at several or more elevations between the bottom and top of the building. Similarly, taps are placed in the roof and on any sloping, protruding, or otherwise distinctive features of the building that might need investigation.

Pressure tap locations are chosen so that the entire surface of the building can be investigated for pressure loading and at the same time permit critical examination of areas where experience has shown that maximum wind effects may be expected to occur. Locations of the pressure taps for this study are shown in Figure 3. Dimensions are given both for

full-scale building (in ft) and for model (in in.). The pressure tap numbers are shown adjacent to the taps.

The pressure tests are sometimes made in two stages. In the first stage measurements are made on the initial distribution of pressure taps. If it becomes apparent from the data that the loading on the building is being influenced by some unsuspected geometry of the building or adjacent structures, additional pressure taps are installed in the critical areas. The locations of the taps are selected so that the maximum loading can be detected and the area over which this loading is acting can be defined. Any added taps are also shown in Figure 3.

A circular area 750 to 2000 ft in radius depending on model scale and characteristics of the surrounding buildings and terrain is modeled in detail. Structures within the modeled region are made from styrofoam and cut to the individual building geometries. They are mounted on the turntable in their proper locations. Significant terrain features are included as needed. The model is mounted on a turntable (Figure 2) near the downwind end of the test section. Any buildings or terrain features which do not fit on the turntable are placed on removable pieces which are placed upwind of the turntable for appropriate wind directions. A plan view of the building and its surroundings is shown in Figure 4. The turntable is calibrated to indicate azimuthal orientation to 0.1 degree.

The region upstream from the modeled area is covered with a randomized roughness constructed using various sized cubes placed on the floor of the wind tunnel. Different roughness sizes may be used for different wind directions. Spires are installed at the test-section entrance to provide a thicker boundary-layer than would otherwise be available. The

thicker boundary-layer permits a somewhat larger scale model than would otherwise be possible. The spires are approximately triangularly shaped pieces of 1/2 in. thick plywood 6 in. wide at the base and 1 in. wide at the top, extending from the floor to the top of the test section. They are placed so that the broad side intercepts the flow. A barrier approximately 8 in. high is placed on the test-section floor downstream of the spires to aid in development of the boundary-layer flow.

The distribution of the roughness cubes and the spires in the roughened area was designed to provide a boundary-layer thickness of approximately 4 ft, a velocity profile power-law exponent similar to that expected to occur in the region approaching the modeled area for each wind direction (a number of wind directions may have the same approach roughness). A photograph of the completed model in the wind tunnel is shown in Figure 5. The wind-tunnel ceiling is adjusted after placement of the model to obtain a zero pressure gradient along the test section.

# 3. INSTRUMENTATION AND DATA ACQUISITION

## 3.1 Flow Visualization

Making the air flow visible in the vicinity of the model is helpful (a) in understanding and interpreting mean and fluctuating pressures, (b) in defining zones of separated flow and reattachment and zones of vortex formation where pressure coefficients may be expected to be high and (c) in indicating areas where pedestrian discomfort may be a problem. Titanium tetrachloride smoke is released from sources on and near the model to make the flow lines visible to the eye and to make it possible to obtain motion picture records of the tests. Conclusions obtained from these smoke studies are discussed in Sections 4.1 and 5.1.

## 3.2 Pressures

Mean and fluctuating pressures are measured at each of the pressure taps on the model structure. Data are obtained for 36 wind directions, rotating the entire model assembly in a complete circle. Seventy-six pieces of 1/16 in. I.D. plastic tubing each 18 in. long are used to connect 76 pressure ports at a time to an 80 tap pressure switch mounted inside the model. The switch was designed and fabricated in the Fluid Dynamics and Diffusion Laboratory to minimize the attenuation of pressure fluctuations across the switch. Each of the 76 measurement ports is directed in turn by the switch to one of four pressure transducers mounted close to the switch. The four pressure input taps not used for transmitting building surface pressures are connected to a common tube leading outside the wind tunnel. This arrangement provides both a means of performing in-place calibration of the transducers and, by connecting this tube to a pitot tube mounted inside the wind tunnel, a means of automatically monitoring the tunnel speed. The switch is operated by

means of a shaft projecting through the floor of the wind tunnel. A computer-controlled stopping motor steps the switch into each of the 20 required positions. The computer keeps track of switch position but a digital readout of position is provided at the wind tunnel.

The pressure transducers used are Statham differential strain gage transducers (Model PM 283TC) with a 0.15 psid range. They were selected because of their stability and linearity in the required working range. The resonant frequency of the transducers is approximately 2,000 Hz. This is sufficiently high that transducer resonance effects on the measured pressures can be ignored. Reference pressures are obtained by connecting the reference sides of the four transducers, using plastic tubing, to the static side of a pitot tube mounted in the wind tunnel free stream above the model building. In this way the transducer measures the instantaneous difference between the local pressures on the surface of the building and the static pressure in the free stream above the model.

Each pressure transducer contains a built-in bridge similar to a Wheatstone Bridge. The bridge is monitored by a Honeywell Accudata 118 Gage Control/Amplifier unit which provides excitation to the transducer bridge and amplifies the bridge output. These instruments are characterized by a very stable excitation voltage and amplifier gain. Output from the Honeywell signal conditioners is fed to an on-line data acquisition system consisting of a Hewlett-Packard 21 MX computer, disk unit, card reader, printer, Digi-Data digital tape drive and a Preston Scientific analog-to-digital convertor. The data are processed immediately into pressure coefficient form as described in Section 4.3 and stored for printout or further analysis.

All four transducers are recorded simultaneously for 16 seconds at a 250 sample per second rate. The results of an experiment to determine the length of record required to obtain stable mean and rms (root-mean-square) pressures and to determine the overall accuracy of the pressure data acquisition system is shown in Figure 6. A typical pressure port record was integrated for a number of different time periods to obtain the data shown. Examination of a large number of pressure taps showed that the overall accuracy for a 16 second period is, in pressure coefficient form, 0.03 for mean pressures, 0.1 for peak pressures, and 0.01 for rms pressures. Pressure coefficients are defined in Section 4.3.

### 3.3 Velocity

Mean velocity and turbulence intensity profiles are measured upstream of the model to determine that an approach boundary-layer flow appropriate to the site has been established. Tests are made at one wind velocity in the tunnel. This velocity is well above that required to produce Reynolds number similarity between the model and the prototype as discussed in Section 1.1.

In addition, mean velocity and turbulence intensity measurements are made 5 to 7 feet (prototype) above the surface at a dozen or more locations on and near the building for 16 wind directions. The measurement locations are shown on Figure 4. The surface measurements are indicative of the wind environment to which a pedestrian at the measurement location would be subjected. The locations are chosen to determine the degree of pedestrian comfort or discomfort at the building corners where relatively severe conditions frequently are found, near building entrances and on adjacent sidewalks where pedestrian traffic is heavy, and in open plaza areas. In most studies a reference pedestrian position,

located about a block away, is also tested. These data are helpful in evaluating the degree of pedestrian comfort or discomfort in the proposed plaza area in terms of the undisturbed environment in the immediate vicinity.

Measurements are made with a single hot-wire anemometer mounted with its axis vertical. The instrumentation used is a Thermo Systems constant temperature anemometer (Model 1050) with a 0.001 in. dia platinum film sensing element 0.020 in. long. Output is read from a digital voltmeter with a time-constant circuit for mean voltage and a DISA RMS meter (Model 55035) for rms voltage.

Calibration of the hot-wire anemometer is performed using a Thermo Systems calibrator (Model 1125). The calibration data are fit to a variable exponent King's Law relationship of the form

$$E^2 = A + BU^n$$

where $E$ is the hot-wire output voltage, $U$ the velocity and $A$, $B$, and $n$ are coefficients selected to fit the data. The above relationship was used to determine the mean velocity at measurement points using the measured mean voltage. The fluctuating velocity in the form $U_{rms}$ (root-mean-square velocity) was obtained from

$$U_{rms} = \frac{2\ E\ E_{rms}}{B\ n\ U^{n-1}}$$

where $E_{rms}$ is the root-mean-square voltage output from the anemometer. For interpretation all turbulence measurements were divided by the mean velocity outside the boundary-layer $U_\infty$.

# 4. RESULTS

## 4.1 Flow Visualization

A film is included as part of this report showing the characteristics of flow about the structure using smoke to make the flow visible. A listing of the contents of the film is shown in Table 1. Several features can be noted from the visualization. As with all large structures, wind approaching the building is deflected down to the plaza level, up over the structure and around the sides. A description of the smoke test results emphasizing flow patterns of concern relative to possible high-wind load areas and pedestrian comfort is given in Section 5.1.

## 4.2 Velocity

Velocity and turbulence profiles are shown in Figures 7a and 7b. These profiles were taken upstream from the model and are characteristic of the boundary-layer approaching the model. As shown in Figure 7a, the boundary-layer thickness, $\delta$, was 50 in. The corresponsing prototype value of $\delta$ for this study is shown in Figure 7a. This value was established as a reasonable height for this study. The mean velocity profile has the form

$$\frac{U}{U_\infty} = \left(\frac{z}{\delta}\right)^n .$$

The exponent $n$ for the approach flow established for this study is shown in Figure 7a.

The profile of longitudinal turbulence intensity is shown in Figure 7b. The turbulence intensities are appropriate for the approach mean velocity profile selected. For the purpose of this report, turbulence intensity is defined as the root-mean-square about the mean of the longitudinal velocity fluctuations divided by the reference mean velocity

$U_\infty$ at the outer edge of the boundary layer,

$$Tu = \frac{U_{rms}}{U_\infty} .$$

A 'peak' velocity representing roughly the largest effective gust velocity was calculated,

$$U_{pk} = \frac{U + 3U_{rms}}{U_\infty} .$$

Mean velocity $U/U_\infty$, turbulence intensity $U_{rms}/U_\infty$, and largest effective gust at the pedestrian measuring positions shown in Figure 4 are listed in Table 2 for 16 wind directions and are plotted in polar form in Figures 8a, 8b, etc. Measurements were taken 5 to 7 ft above the ground surface. A site map is superimposed on the polar plots to aid in visualization of the effects of the nearby structures on the velocity and turbulence magnitudes. An analysis of these wind data is given in Section 5.2.

To enable a quantitative assessment of the wind environment, the wind-tunnel data were combined with wind frequency and direction information obtained at the local airport. Table 3 shows wind frequency by direction and magnitude obtained from summaries published by the National Weather Service. These data, usually obtained at an elevation of about 30 to 40 ft, were converted to velocities at the reference velocity height for the wind tunnel measurements and combined with the wind tunnel data to obtain cumulative probability distributions (percent time a given velocity is exceeded) for wind velocity at each measuring location. The percentage times were summed by wind direction to obtain a percent time exceeded at each measuring position independent of wind direction (but accounting for the fact that the wind blows from different directions with varying frequency). These results are plotted in Figure 9a, 9b, etc.

Interpretation of Figure 9 is aided by a description of the effects of wind of various magnitudes on people. The earliest quantitative description of wind effects was established by Sir Francis Beaufort in 1806 for use at sea and is still in use today. Several recent investigators have added to the knowledge of wind effects on pedestrians. These investigations along with suggested criteria for acceptance have been summarized by Penwarden and Wise (4). The Beaufort scale, based on mean velocity only, is reproduced as Table 4 including qualitative descriptions of wind effects. Table 4 suggests that mean wind speeds below 12 mph are of minor concern and that mean speeds above 24 mph are definitely inconvenient. Included in Section 5.2 is an analysis of the percent of time that the 12 and 24 mph magnitude are exceeded by mean winds and implications for pedestrian comfort.

The peak gust values require a somewhat different interpretation. The peak gust curves shown in Figure 9 are the percent of time during which a short gust of the stated magnitude could occur (say less than one of these gusts per hour). Evidence suggests that gusts greater than about 35 mph in magnitude can be a major impediment to pedestrians, particularly the elderly. Most measuring locations experience winds in which gusts of 35 mph or higher occur much less frequently than the 24 mph mean winds. Implications of these data are presented in Section 5.2.

Because some pedestrian wind measuring positions are purposely chosen at sites where the smoke tests showed large velocities of small spacial extent, the general wind environment about the structure may be less severe than one might infer from a strict analysis of Table 2 and Figure 9.

## 4.3 Pressures

For each of the pressure taps examined at each wind direction, the data record is analyzed to obtain four separate pressure coefficients. The first is the mean pressure coefficient

$$C_{p_{mean}} = \frac{(p-p_\infty)_{mean}}{0.5\ \rho\ U_\infty^2}$$

where the symbols are as defined in the List of Symbols. It represents the mean of the instantaneous pressure difference between the building pressure tap and the static pressure in the wind tunnel above the building model, nondimensionalized by the dynamic pressure

$$0.5\ \rho\ U_\infty^2$$

at the reference velocity position. This relationship produces a dimensionless coefficient which indicates that the mean pressure difference between building and ambient wind at a given point on the structure is some fraction less or some fraction greater than the undisturbed wind dynamic pressure near the upper edge of the boundary layer. Using the measured coefficient, prototype mean pressure values for any wind velocity may then be calculated.

The magnitude of the fluctuating pressure is obtained by the rms pressure coefficient

$$C_{p_{rms}} = \frac{\left((p-p_\infty) - (p-p_\infty)_{mean}\right)_{rms}}{0.5\ \rho\ U_\infty^2}$$

in which the numerator is the root-mean-square of the instantaneous pressure difference about the mean.

If the pressure fluctuations followed a Gaussian probability distribution, no additional data would be required to predict the

frequency with which any given pressure level would be observed. However, the pressure fluctuations do not follow a Gaussian probability distribution so that additional information is required to show the extreme values of pressure expected. The peak maximum and peak minimum pressure coefficients are used to determine these values:

$$C_{p_{max}} = \frac{(p-p_\infty)_{max}}{0.5\ \rho\ U_\infty^2}$$

$$C_{p_{min}} = \frac{(p-p_\infty)_{min}}{0.5\ \rho\ U_\infty^2}$$

The values of $p-p_\infty$ which were digitized at 250 samples per second for 16 seconds, representing about one hour of time in the full scale, are examined individually by the computer to obtain the most positive and most negative values during the 16 second period. These are converted to $C_{p_{max}}$ and $C_{p_{min}}$ by nondimensionalizing with the free stream dynamic pressure.

The four pressure coefficients are calculated by the on-line data acquisition system computer and tabulated along with the approach wind azimuth in degrees from true north. The list of coefficients is included as Appendix A. The pressure tap code numbers used in the appendix are explained in Figure 3.

To determine the largest peak loads acting at any point on the structure for cladding design purposes, the pressure coefficients for all wind directions were searched to obtain, at each pressure tap, the largest absolute value of peak pressure coefficient. Table 6 provides these pressure coefficients and associated wind directions. Included in

Section 5.3 is an analysis of the coefficients of Table 6 including the maximum values obtained and where they occurred on the building.

The pressure coefficients of Table 6 can be converted to full-scale loads by multiplication by a suitable reference pressure selected for the field site. This reference pressure is represented in the equations for pressure coefficients by the $0.5\ \rho\ U_\infty^2$ denominator. This value is the dynamic pressure associated with an hourly mean wind at the reference velocity measurement position at the edge of the boundary layer. In general, the method of arriving at a design reference pressure for a particular site involves selection of a design wind velocity, translation of the velocity to an hourly mean wind at the reference velocity location and conversion to a reference pressure. Selection of the design velocity can be made from statistical analysis of extreme wind data or selected from wind maps contained in the proposed wind loading code ANSI A58.1 of the American National Standards Institute (5). The calculation of reference pressure for this study is shown in Table 5. The factor used in Table 5 to reduce gust winds to hourly mean winds is given in reference (6).

The reference pressure associated with the design hourly mean velocity at the reference velocity location can be used directly with the peak-pressure coefficients to obtain peak local design wind loads for cladding design. For glass design pressures, a glass load factor is used to account for the different duration of measured peak pressures and the one minute loading used in glass design charts. Recent research (6) indicates that the period of application of the peak pressures reported herein is about 5-10 seconds or less. If a glass design is based on these peak values, then a glass strength associated with this

duration load is indicated. If the glass design is based on some alternate load duration--say one minute--then some reduction in peak loads should be made. An estimate of a load reduction factor can be obtained from an empirical relation of glass strength as a function of load duration (8). A glass load factor of 0.73 on the reference pressure was used to convert the short 5-10 second pressure peaks to one minute loads typically cited in glass selection charts.

Local, instantaneous peak loads on the full-scale building suitable for cladding design were computed by multiplying the reference pressure of Table 5 by the peak coefficients of Table 6. Loadings appropriate for glass design were computed by multiplying the reference pressure by the peak coefficients of Table 6 with application of the 0.73 load factor. Table 6 shows both of these results. The maximum psf load given at each tap location is the absolute value of the maximum value found in the tests, irrespective of its algebraic sign. For ease in visualizing the loads on the structure, contours of equal peak pressures for cladding and glass design shown in Table 6 have been plotted on developed elevation views of the structure, Figure 10.

## 4.4 Forces and Moments

Force coefficients in the horizontal X and Y directions and moment coefficients about the X, Y and Z axes with the origin at ground level at the base of the building with Z axis vertical may be computed for the 24 wind directions tested by integration of mean pressures on the building. Overall forces and moments acting on the full-scale building due to wind loading may be obtained from use of these coefficients which is useful in designing the structural framing of the proposed building.

Force and moment coefficients were computed using the equations shown below.

$$CF_X = \frac{F_X}{A_R\ 0.5\rho\ U_\infty^2} \qquad CM_X = \frac{M_X}{A_R H_R\ 0.5\rho\ U_\infty^2}$$

$$CF_Y = \frac{F_Y}{A_R\ 0.5\rho\ U_\infty^2} \qquad CM_Y = \frac{M_Y}{A_R H_R\ 0.5\rho\ U_\infty^2}$$

$$CM_Z = \frac{M_Z}{A_R H_R\ 0.5\rho\ U_\infty^2}$$

Terms and symbols used in the equations are defined in the List of Symbols and the axes are defined for the building in Figure 3. Force coefficients $CF_X$ and $CF_Y$ were computed for the horizontal forces acting along the X and Y axes, and moment coefficients $CM_X$, $CM_Y$ and $CM_Z$ were computed for moments $M_X$, $M_Y$ and $M_Z$ acting about the X, Y and Z axes. $A_R$ and $H_R$ represent a constant reference area and reference length for nondimensionalization of the forces and moments. Values of $A_R$ and $H_R$ are given in Table 7. The signs on the moments are determined by application of the right-hand rule. The force and

moment coefficients were computed using the mean pressure coefficient at each pressure tap. The resulting force and moment coefficients are shown in Table 7 for the 36 wind directions tested in the wind tunnel. Data are presented for the building as a whole and by floor if requested.

The total forces and moments acting on the building for each wind direction may be computed by multiplying the above coefficients by the reference pressure of Table 5 and a gust load factor selected for an appropriate wind gust duration. The gust load factor, shown in Table 5, was selected to increase the loads from an hourly mean load to that of a gust whose duration would be sufficient for its effect to be fully felt by the structure. Forces and moments calculated by application of the reference pressure and load factor are shown in Table 7. A table of gust load factors for various gust durations is incorporated in Table 5 so that the data of Table 7 may be adjusted to a different load duration if desired.

# 5.0 DISCUSSION

## 5.1 Flow Visualization

Flow patterns about the One Tampa City Center building indicated possible vortex formation on the outer edge of the corner setbacks on the southwest corner of the building. Pressure taps were installed on these corners to insure measurement of high pressures in this region. Flow about the upper corners of the building indicated possible high pressures in that region. Flow in pedestrian areas did not indicate excessive pressures except possibly near the corners of the tower at surface level where locally high winds characteristic of tall buildings were observed.

## 5.2 Pedestrian Winds

Figure 4 shows the 18 pedestrian locations selected for study. Location 1 was selected as a reference location which should be relatively undisturbed by the presense of the new structures. Data for the pedestrian locations were obtained for configuration B shown in Figure 4. Table 2 and Figure 8 show that the largest values of mean velocity were measured at locations 18, 15 and 6 with values of $U_{mean}$ about 70 percent of the reference velocity $U_{\infty}$ for one to three approach wind directions. $U_{mean}$ was above 60 percent at these locations for 6, 5 and 3 approach wind directions respectively. $U_{mean}$ was also measured above 60 percent of $U_{\infty}$ at locations 9 and 11. For comparison, location 1 away from tall structures showed low values of $U_{mean}$ below 50 percent of $U_{\infty}$. These results confirmed the flow visualization study results which showed highest velocities near the corners at the base of the tower.

The values of $U_{rms}$ were below 20 percent of $U_{\infty}$ at all locations for all wind directions indicating moderate fluctuating velocities. The largest values of peak gust, represented by the mean plus three rms as discussed in section 4.2, were between 100 and 106 percent of $U_{\infty}$ obtained at locations 3, 6, 9, 15, and 18. Locations 15 and 18 experienced these magnitudes for 3 and 4 wind directions respectively. Reference location 1 had a largest peak gust of 84 percent. Peak gusts in an open country environment would be 80 to 90 percent of $U_{\infty}$ so that the largest gusts around the One Tampa City Center building were 10 to 20 percent larger than would be experienced in an open country environment.

Velocity data integrated with local wind data is shown in Figure 9. Based on the data in this figure, mean winds will be above 12 mph, the level where winds become significant, for a maximum of about 15-18 percent for locations 15 and 18 and about 10-12 percent for locations 6 and 9. The largest percent time when mean winds will be above 24 mph, the limit of agreeable winds on land, is 0.9 percent at location 18 and less than 0.6 percent at all other locations. The frequency of winds when peak gusts could reach 35 mph were 1 percent or less at all locations.

The indication from the pedestrian wind studies is that the winds about the One Tampa City Center will be higher in magnitude than those generally found in nearby areas, particularly near the corners of the tower. The winds should not, however, pose a problem for pedestrians except for local areas for particular wind directions on windy days. The frequency of higher winds at location 18 may be

somewhat high for sitting activities on cooler days, but may be welcome on warmer days.

## 5.3 Pressures

Table 6 shows the largest pressure coefficients and wind loads measured on the building for each pressure tap location. The largest peak pressure coefficient measured for any configuration was 2.60 at tap 720 for wind azimuth 280 for configuration B. This tap is in the region of the corner vortex identified through flow visualization. Peak pressure coefficients were generally moderate--peak pressure coefficients above 3.0 for a structure of this size are not uncommon. Based on the reference pressure of Table 5 of 51 psf resulting from a fastest mile wind speed of 100 mph, the peak pressure at tap 720 was 133 psf and the 1-minute equivalent glass load was 97 psf.

Figure 10 shows contours of pressure for the conditions of configuration A where data was obtained at all wind directions. Table 6 summarizes tap locations where loads for configuration B or C are larger than those of configuration A. Only a few tap locations show significantly larger loads. As determined by smoke visualization tests, the largest loads were on the setback corners on the southwest corner and at the upper corners near the tower roof.

For the glass loads shown on Figure 10, an appropriate zoning of wind loads could use 60 psf for areas showing pressures less than 60 psf and 80 psf for areas showing pressures between 60 and 80 psf. Local areas with pressures above 80 psf could be zoned for higher strength.

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3. Cermak, J. E., "Aerodynamics of Buildings," Annual Review of Fluid Mechanics, Vol. 8, 1976, pp. 75-106.

4. Penwarden, A. D., and Wise, A. F. E., "Wind Environment Around Buildings," Building Research Establishment Report, HMSO, 1975.

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7. Peterka, J. A., and Cermak, J. E., "Peak-Pressure Duration in Separated Regions on a Structure," U.S.-Japan Research Seminar on Wind Effects on Structures, Kyoto, Japan, 9-13 September 1974; Report CEP74-75JAP-JEC8, Fluid Mechanics Program, Colorado State University, September 1974.

8. Architectural Glass Products, Pittsburgh Plate Glass Industries, January 1975.

# FIGURES

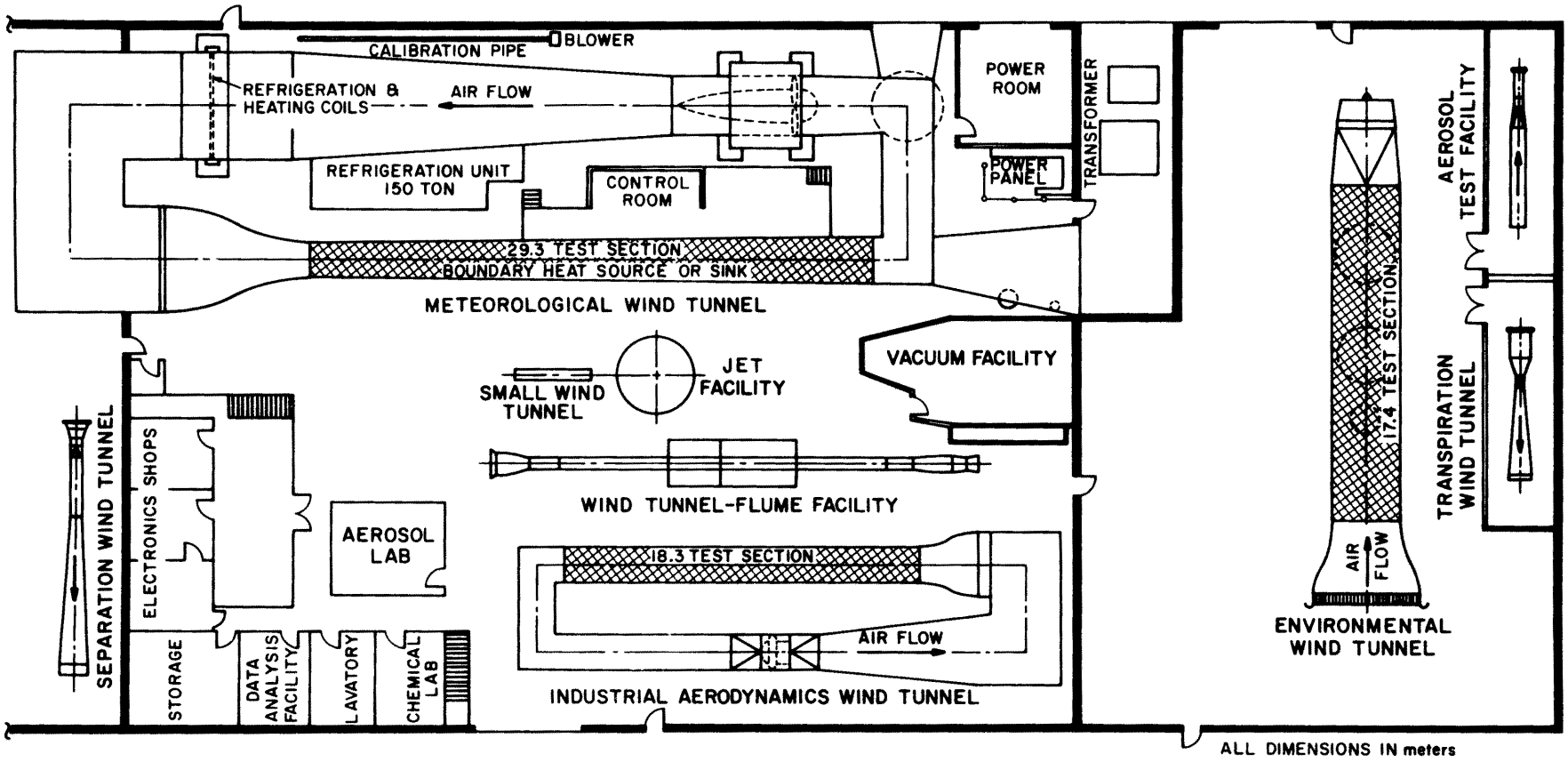
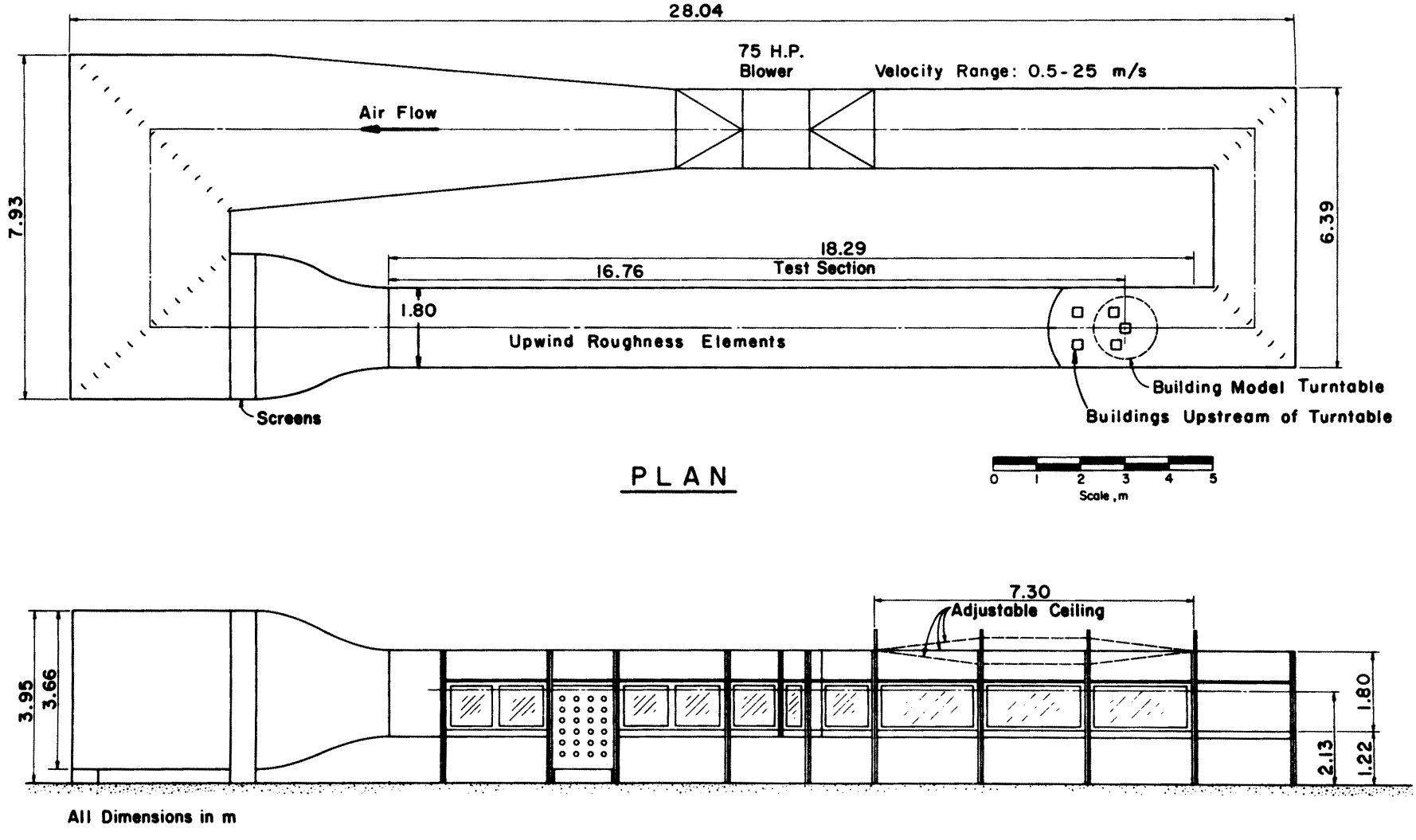
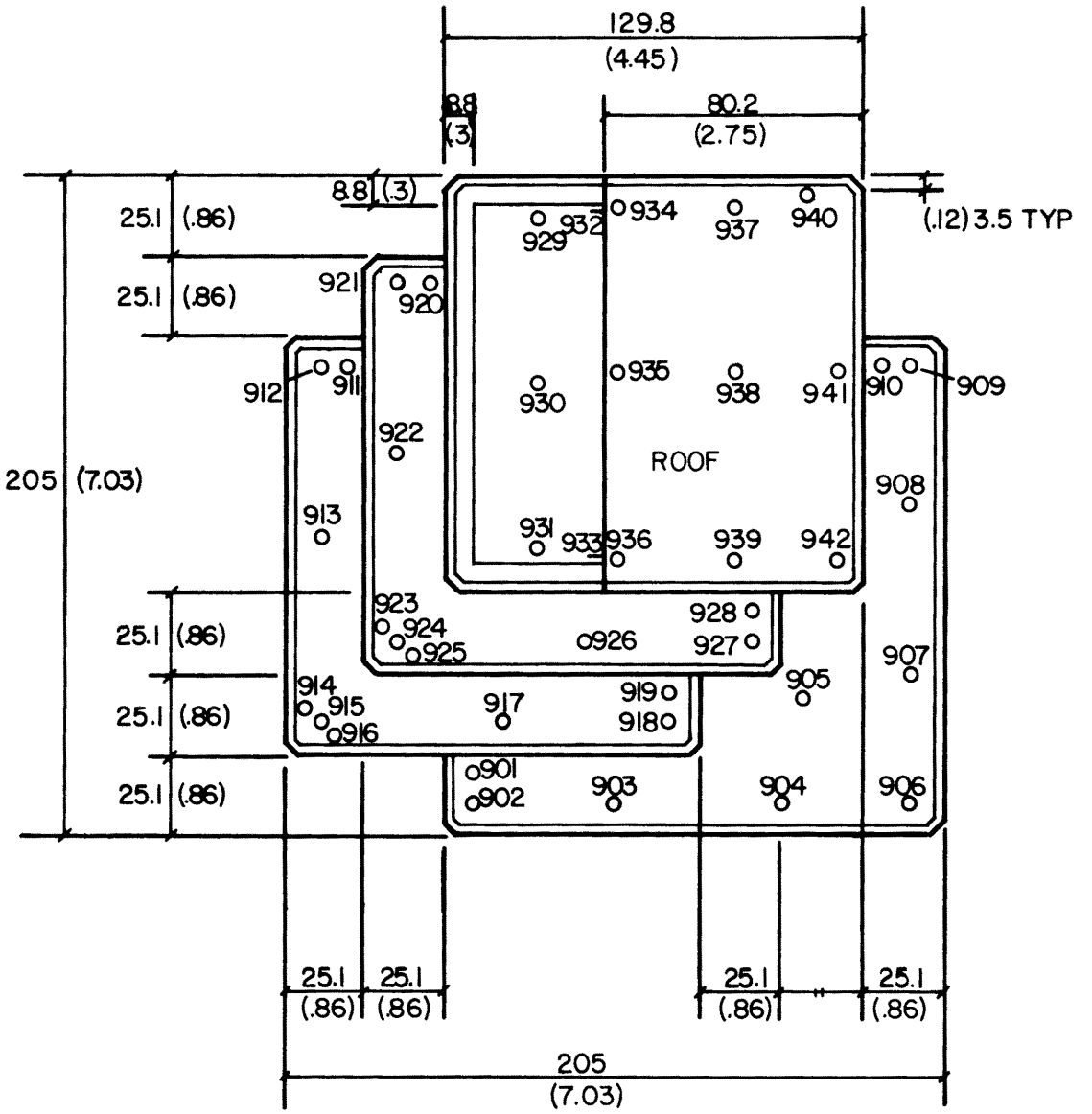



FIGURE 1. FLUID DYNAMICS AND DIFFUSION LABORATORY
COLORADO STATE UNIVERSITY




# INDUSTRIAL AERODYNAMICS WIND TUNNEL

**Figure 2.** Wind-Tunnel Configuration




MODEL SCALE = 1/350
TOTAL TAPS = 459
DIMENSIONS IN FULL SCALE FEET AND MODEL INCHES.

FIGURE 3a. PRESSURE TAP LOCATIONS

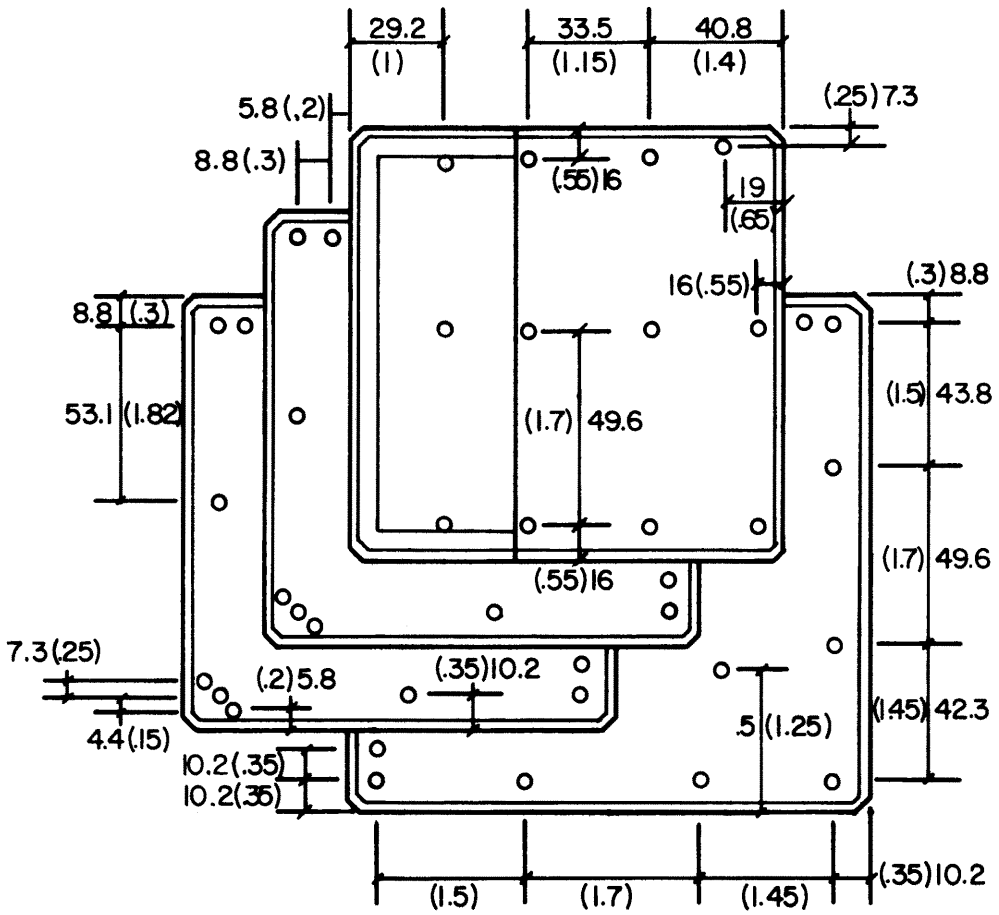



Figure 3b. Pressure Tap Locations

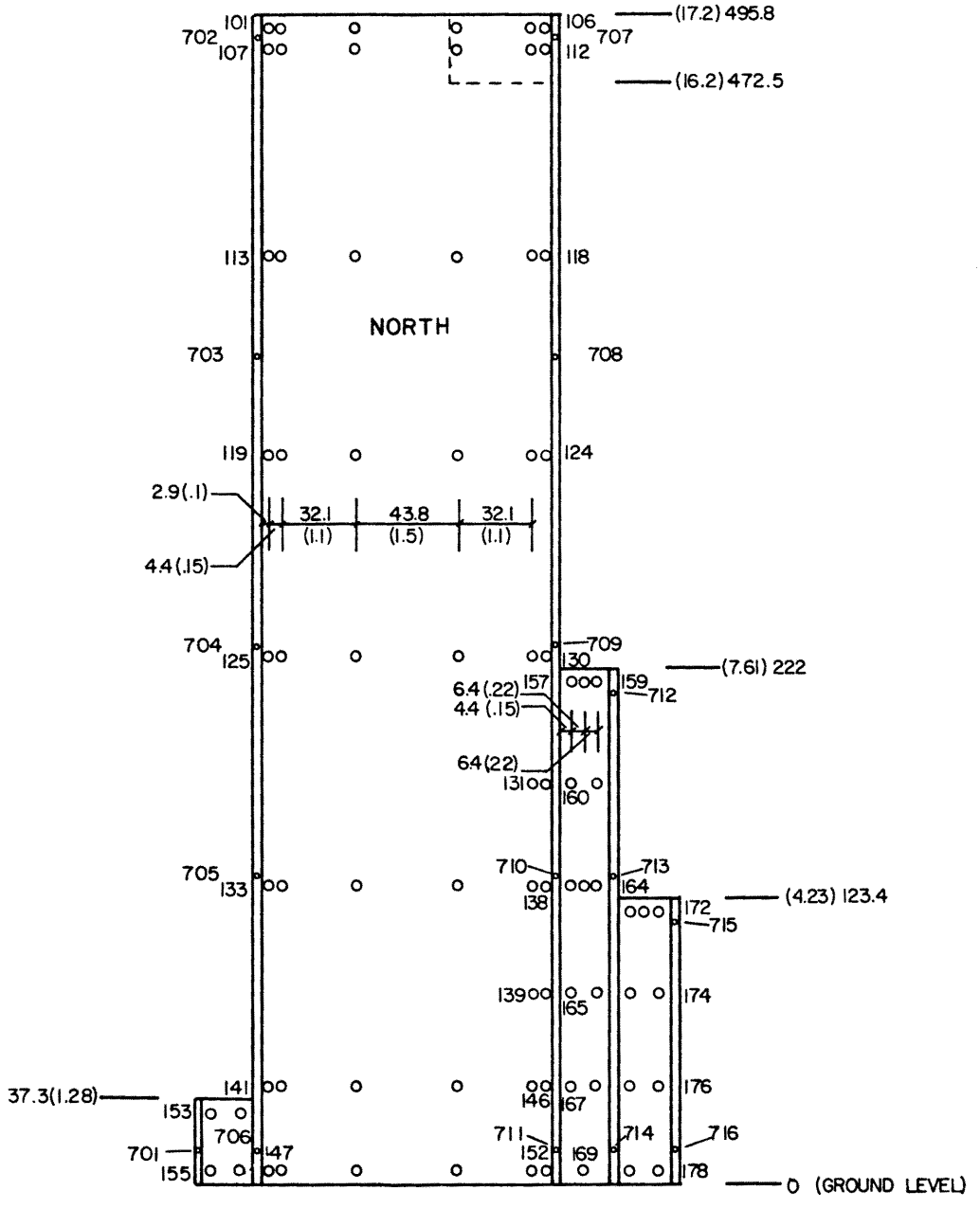



Figure 3c. Pressure Tap Locations

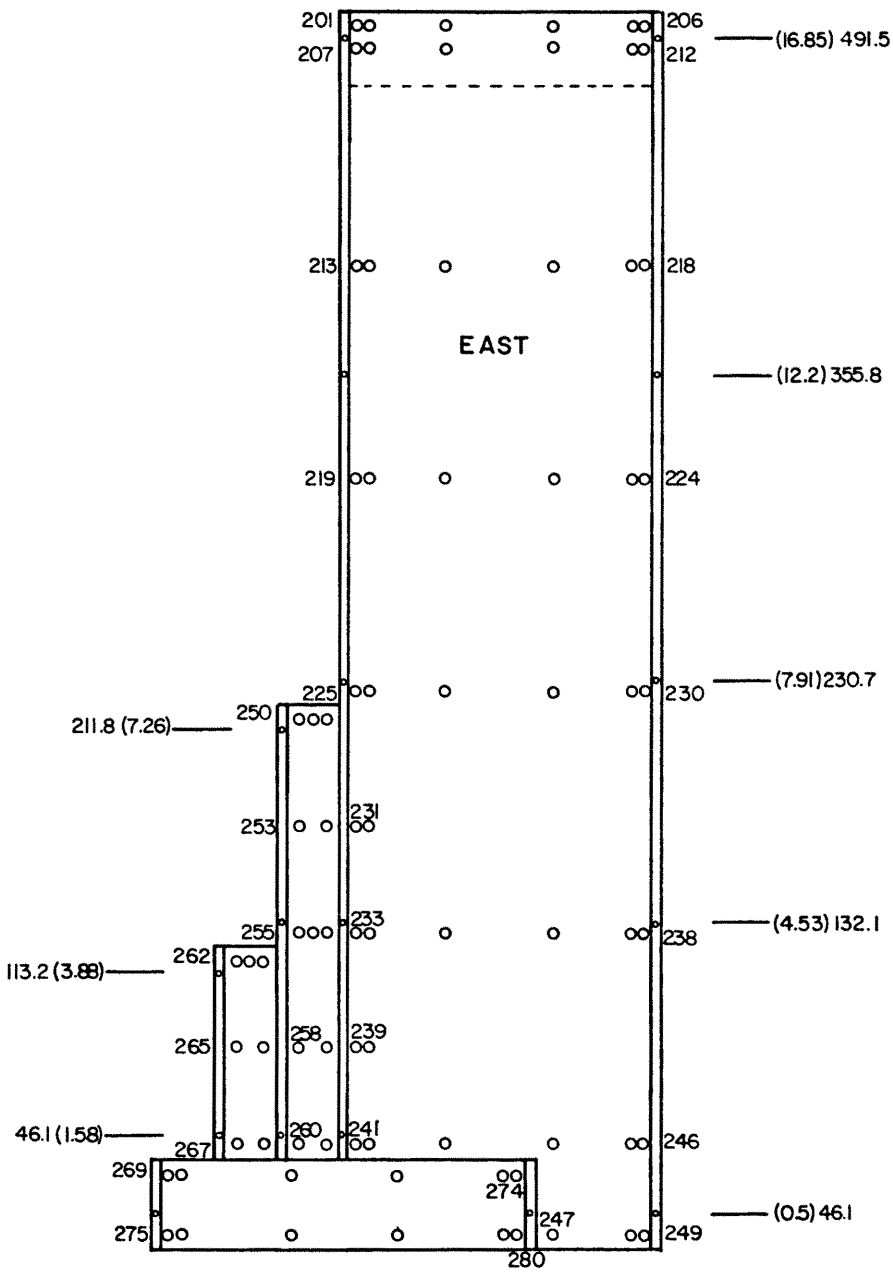



Figure 3d. Pressure Tap Locations

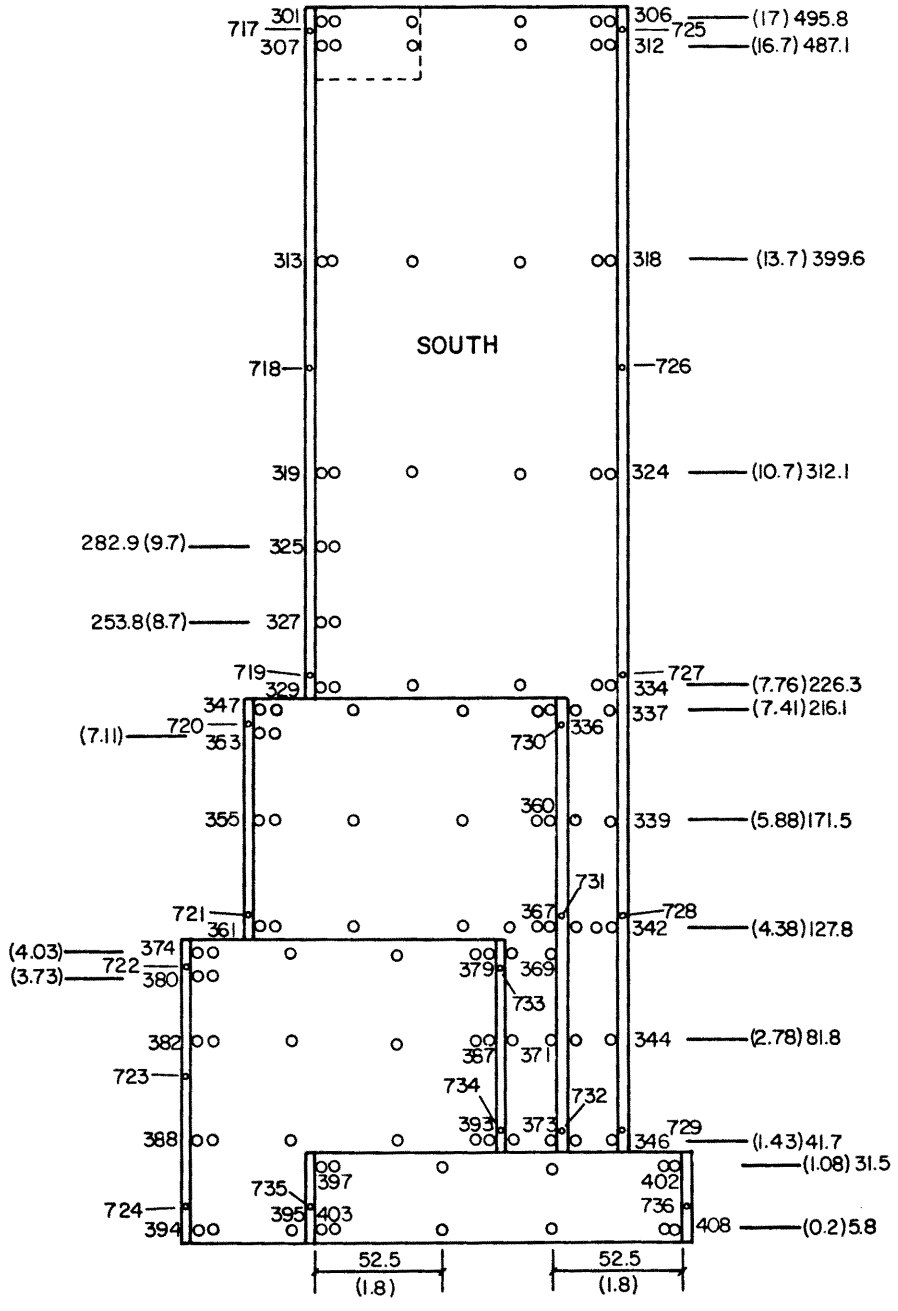



Figure 3e. Pressure Tap Locations

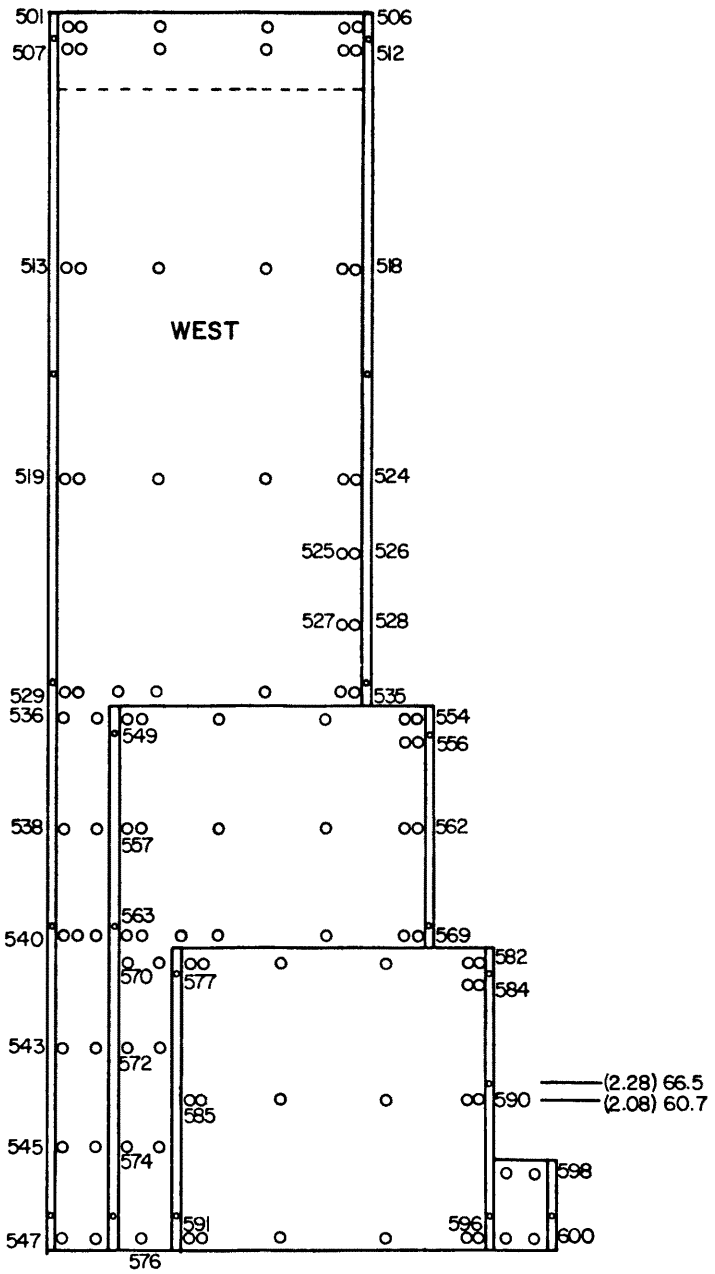
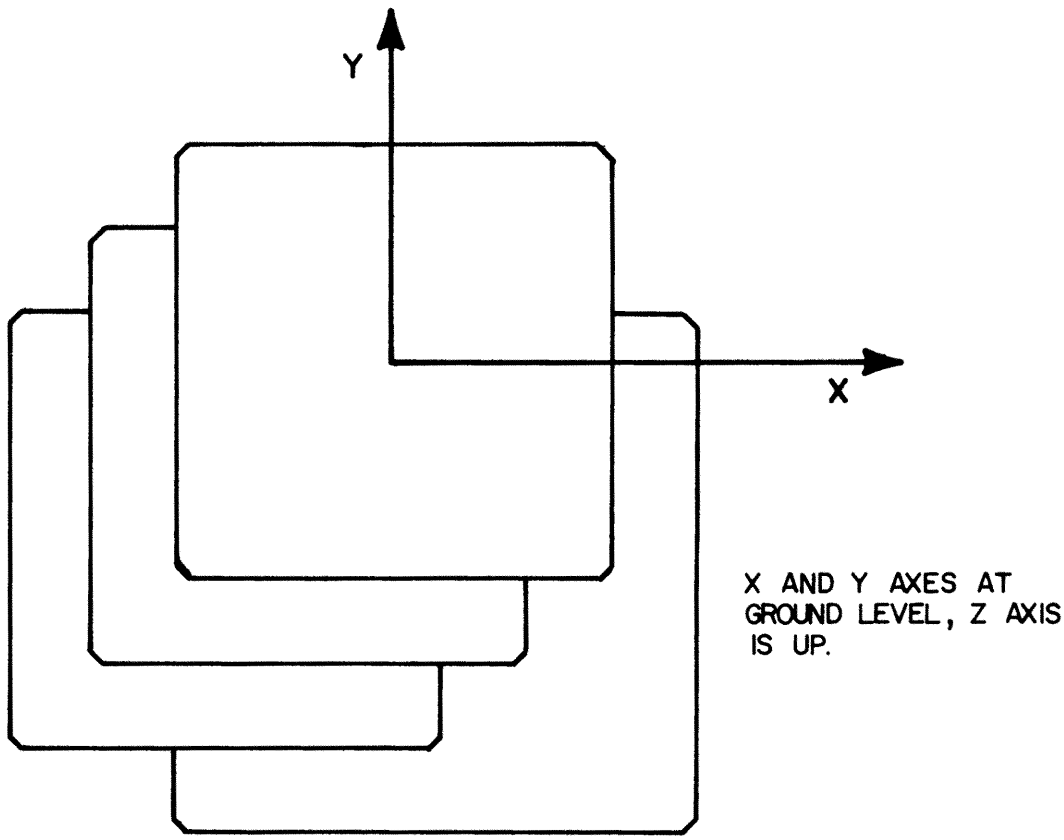



Figure 3f. Pressure Tap Locations



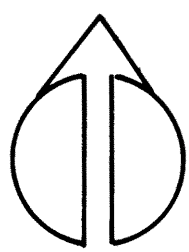



Figure 3g. Force and Moment Coordinate System

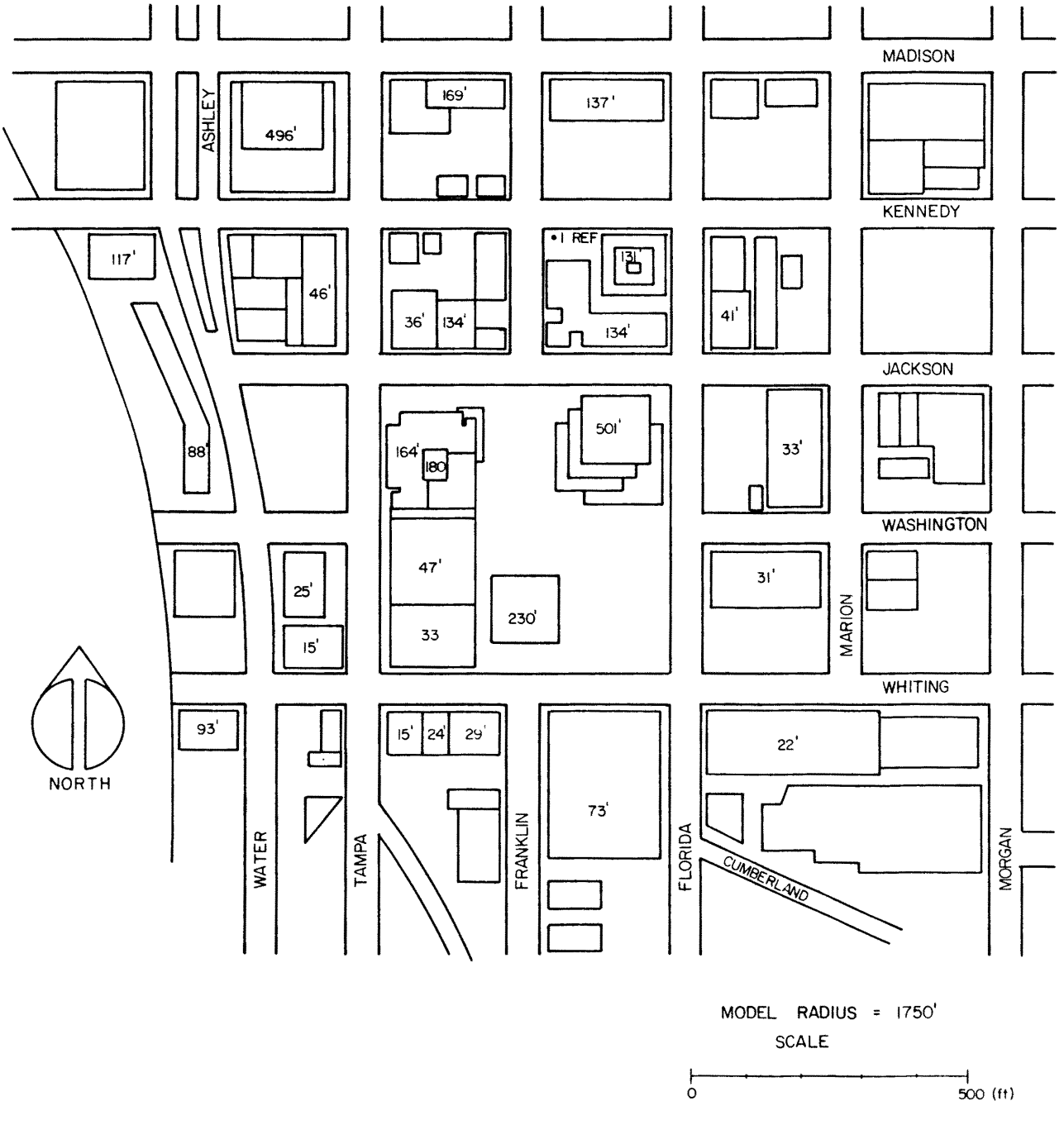



Figure 4a. Building Location and Pedestrian Wind Velocity Measuring Positions

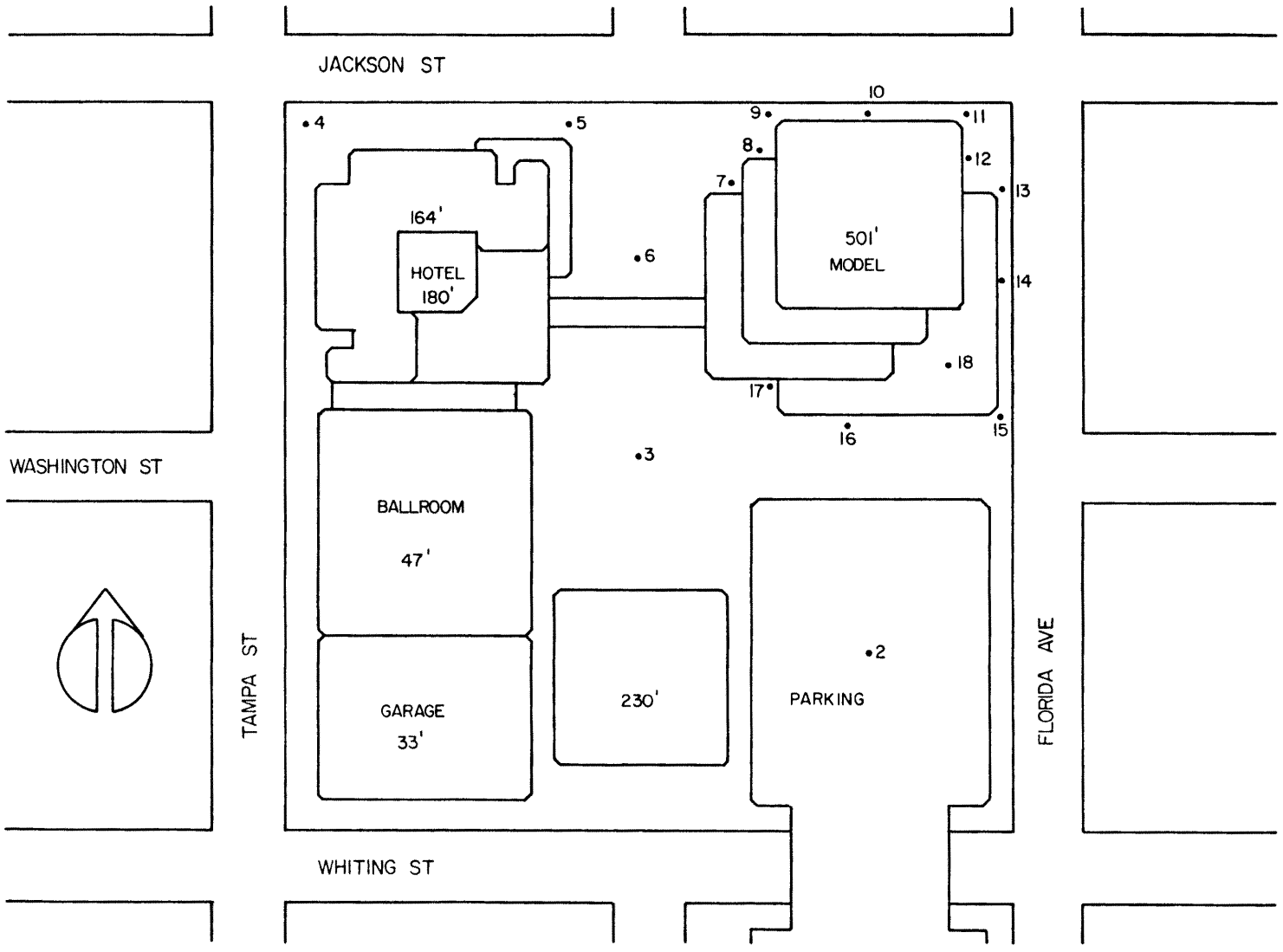



Figure 4b. Building Location and Pedestrian Wind Velocity Measuring Position (Configuration B)

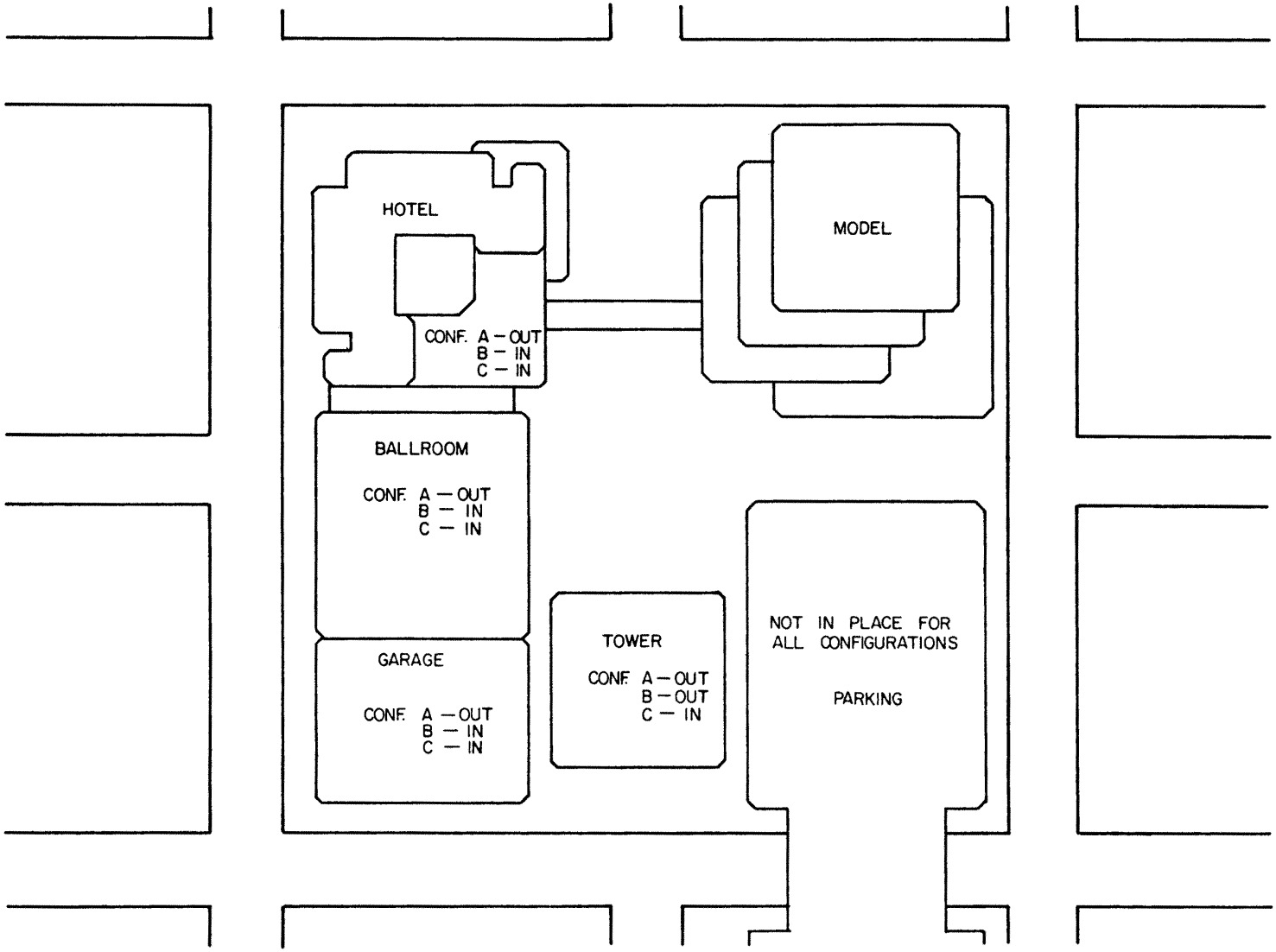



Figure 4c. Configuration Descriptions

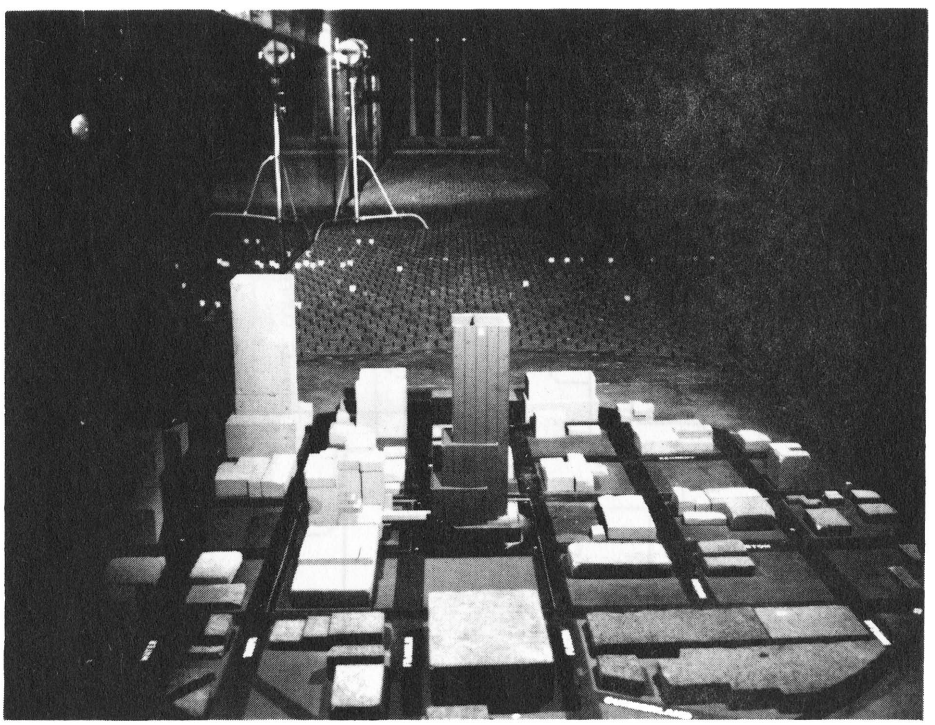


Figure 5. Completed Model in Wind Tunnel

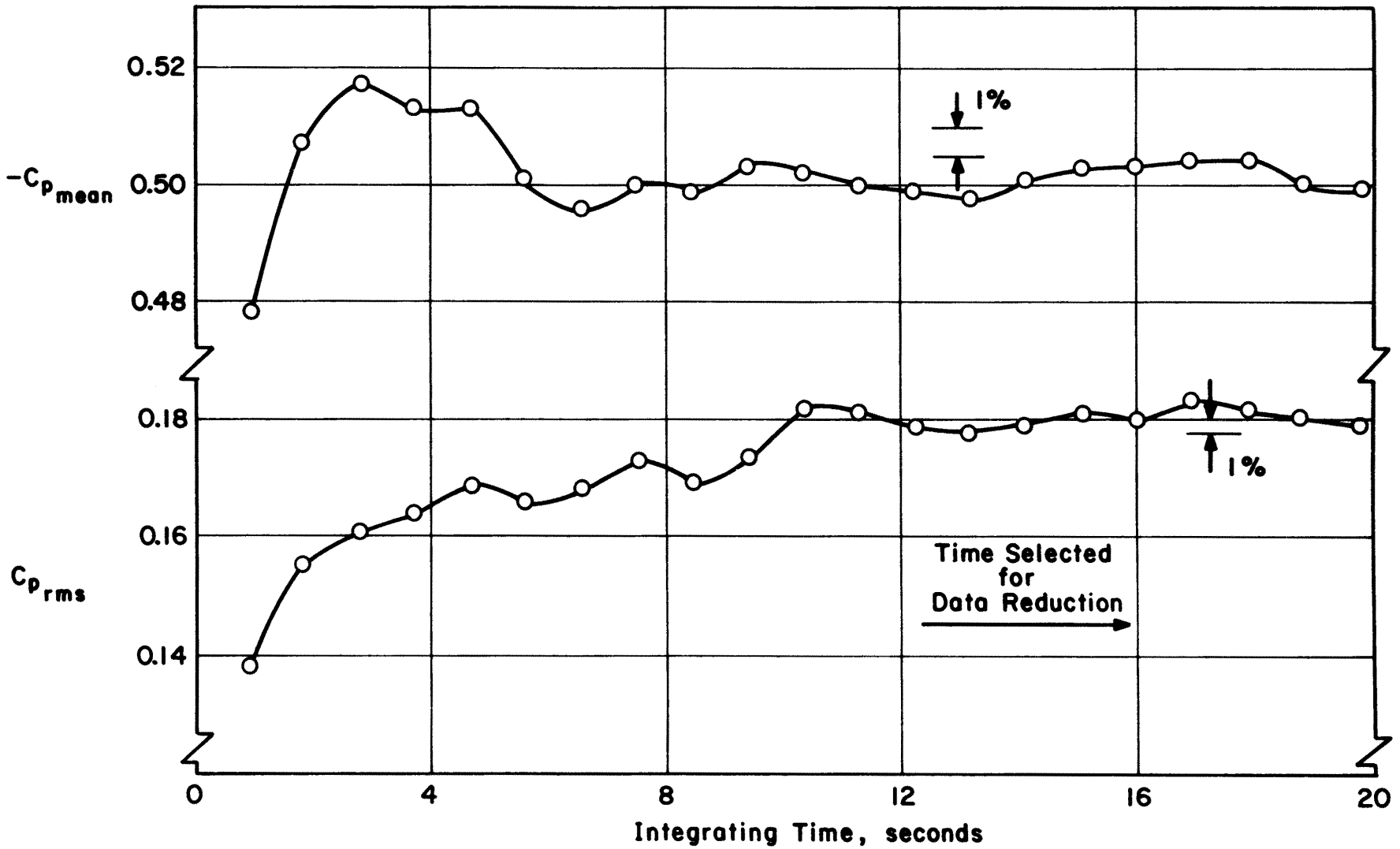



Figure 6. Data Sampling Time Verification

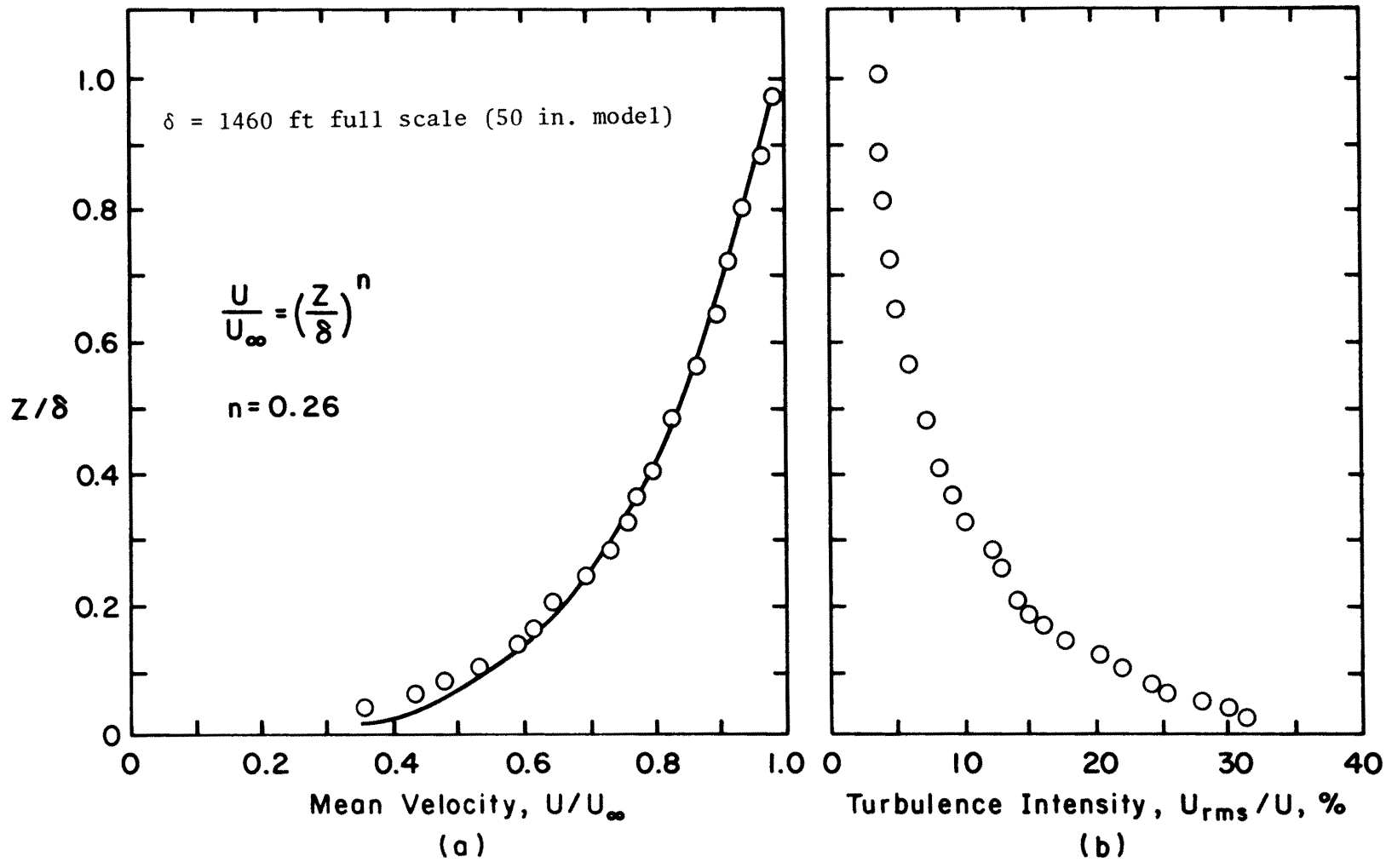



Figure 7. Velocity and Turbulence Profiles Approaching the Model

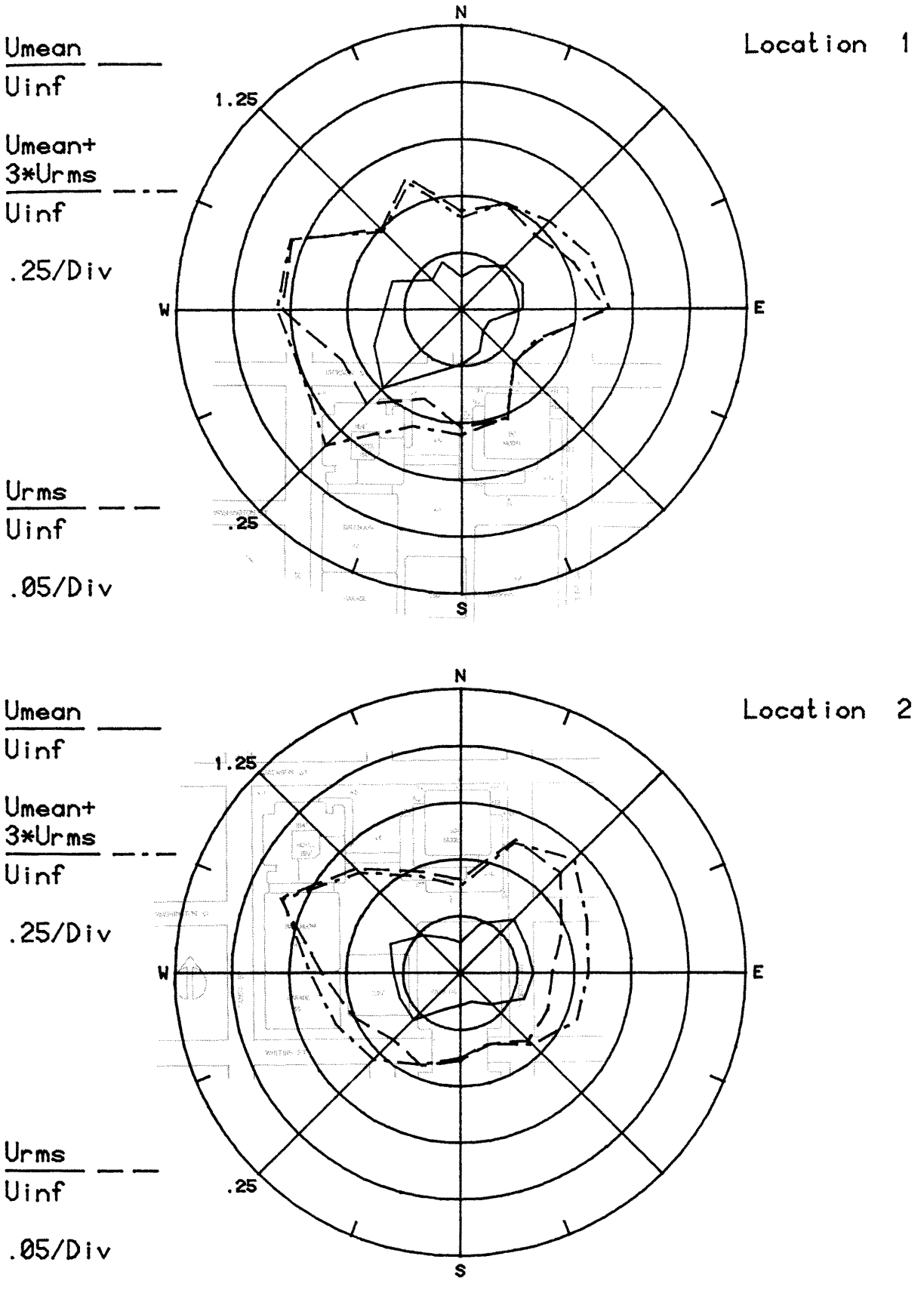



Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

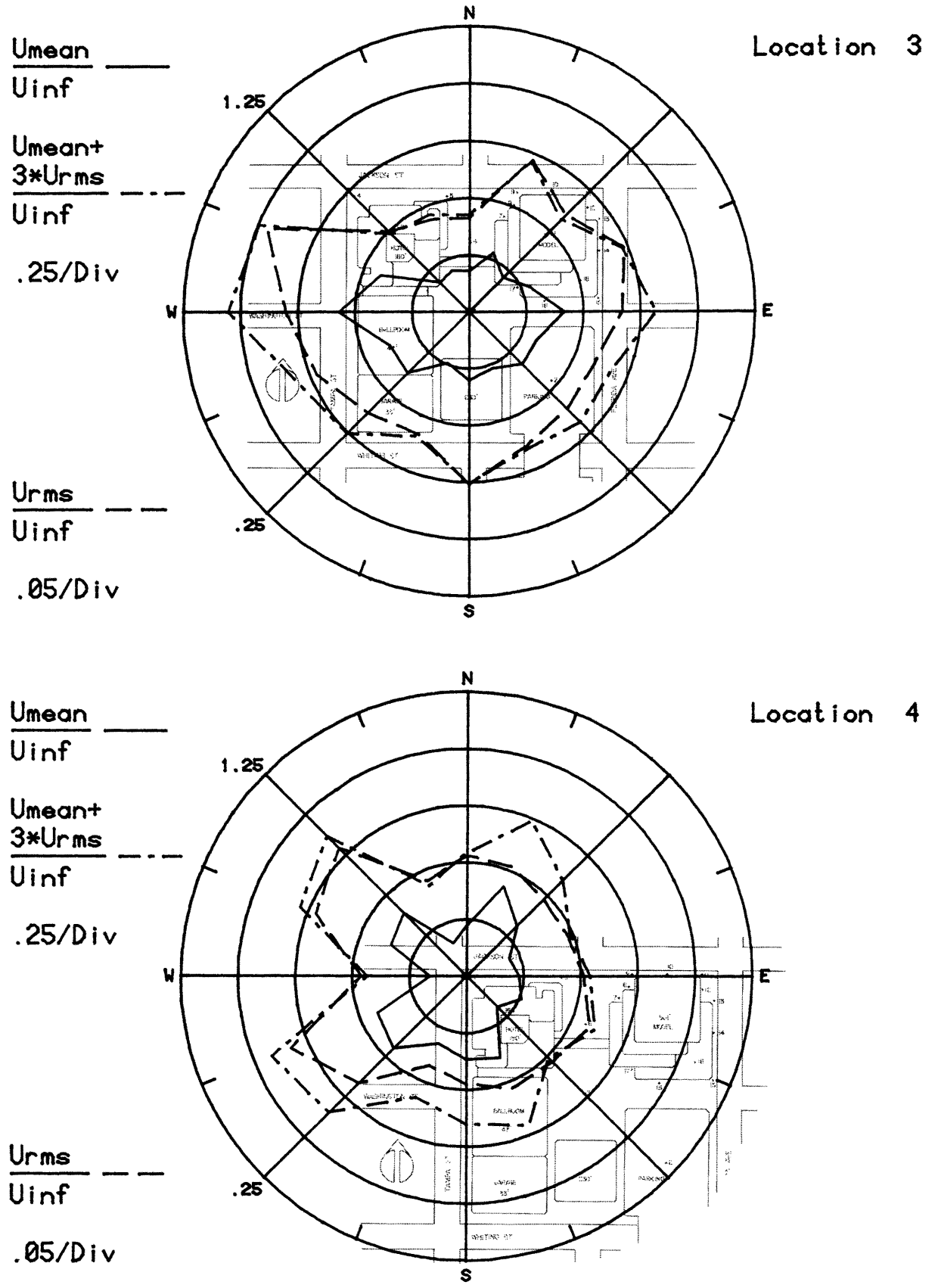



Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4

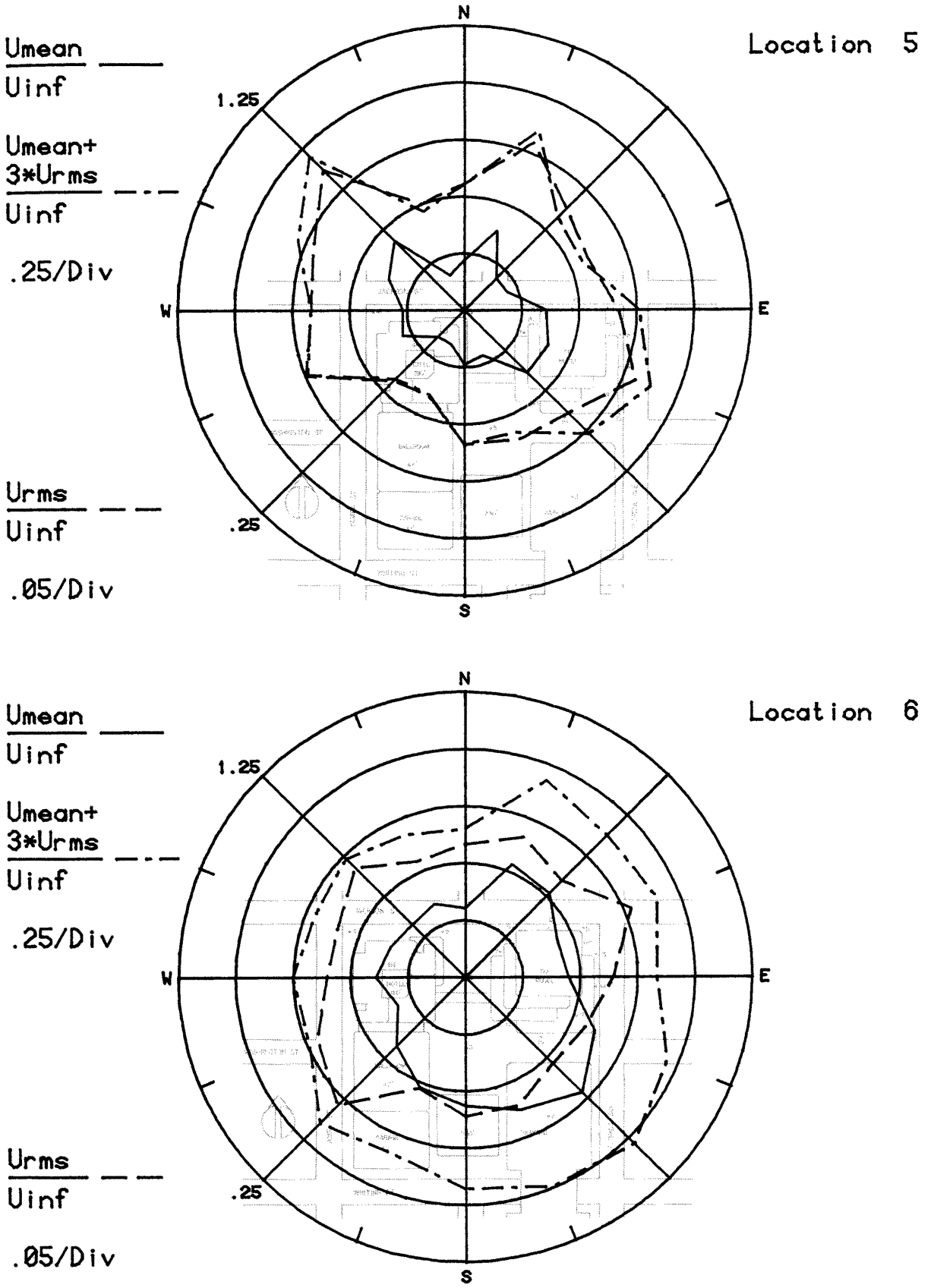



Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

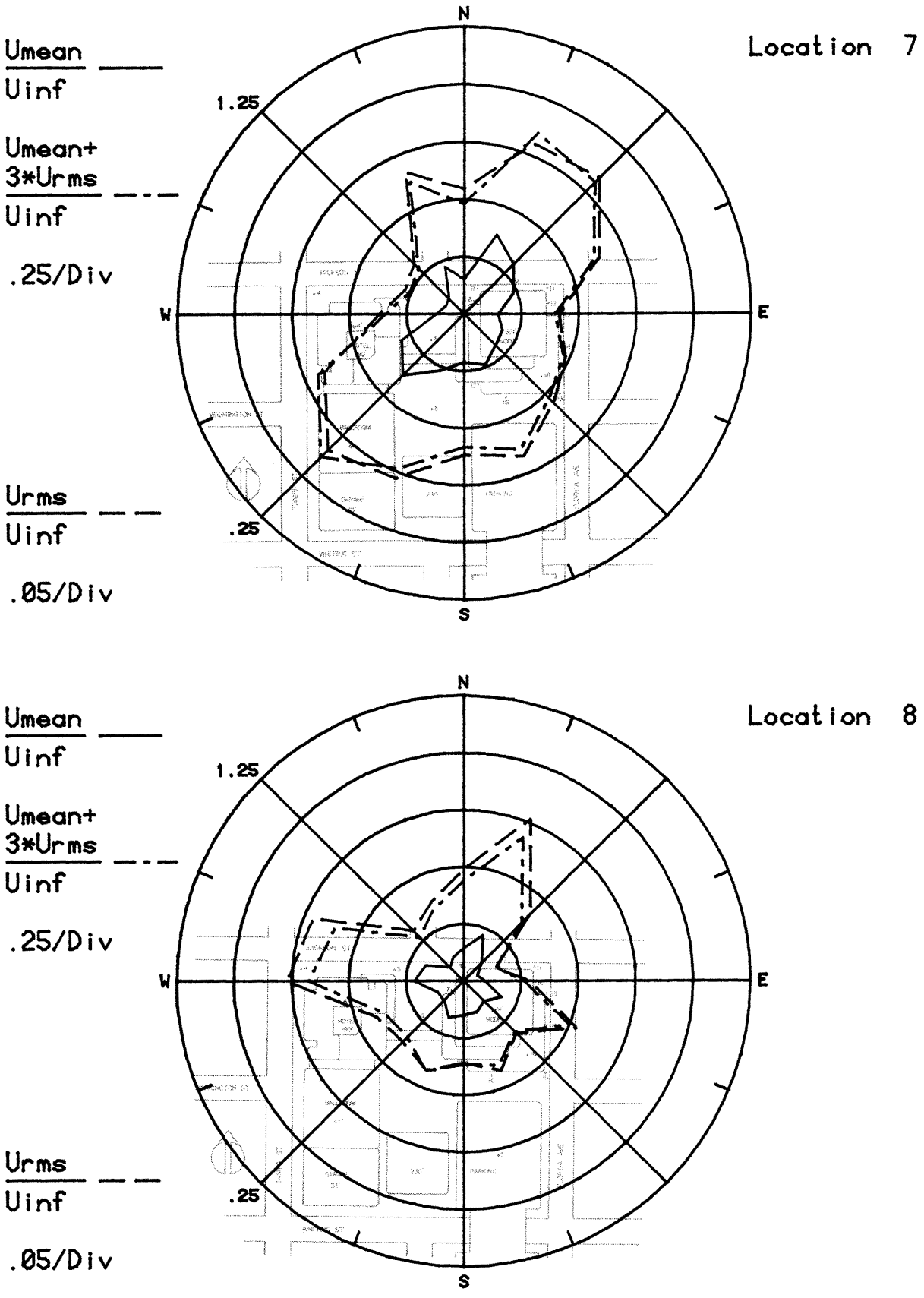
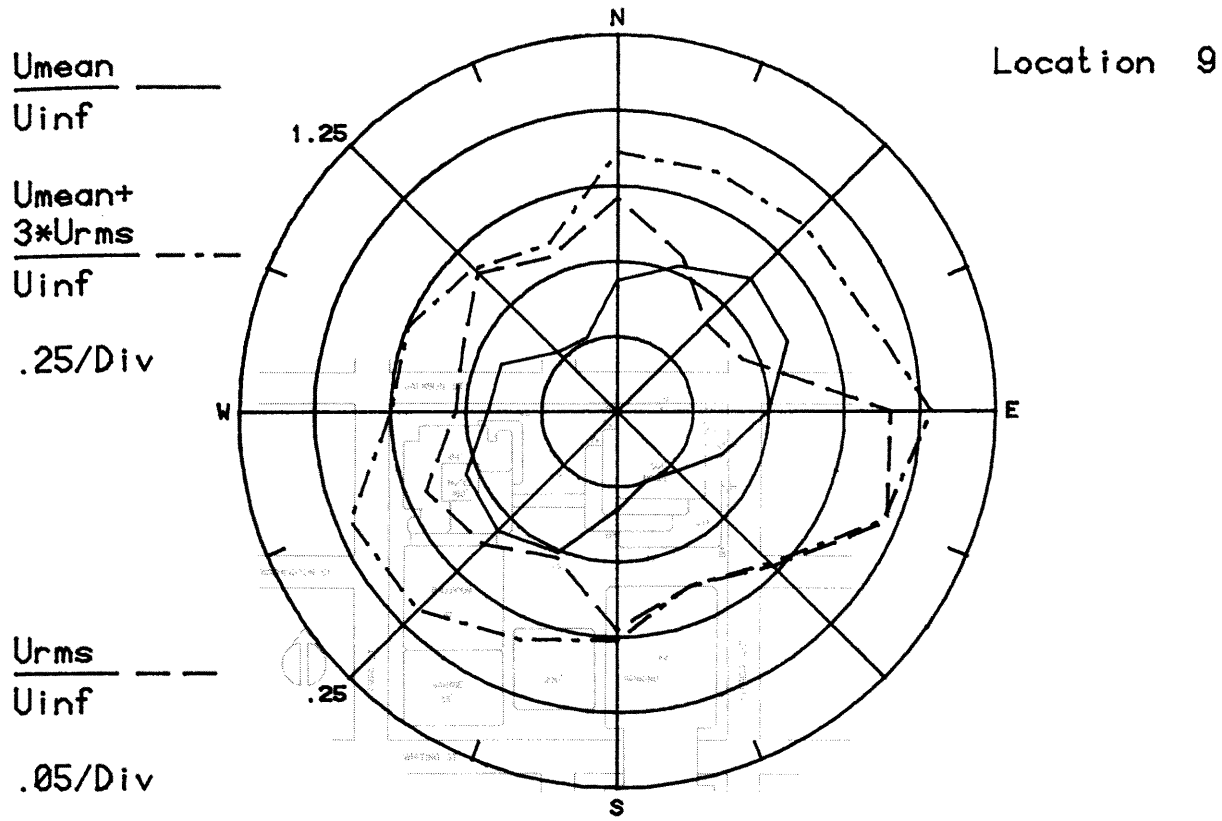



Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8



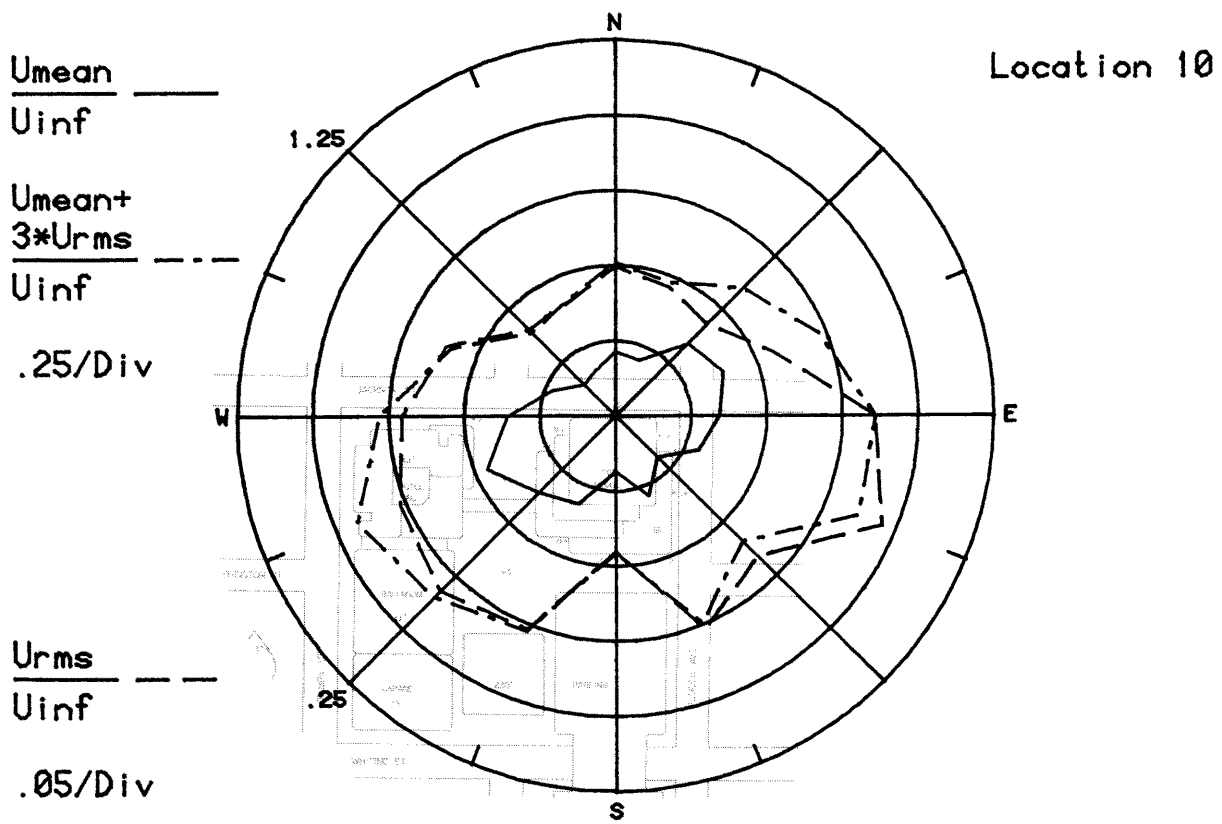




Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10

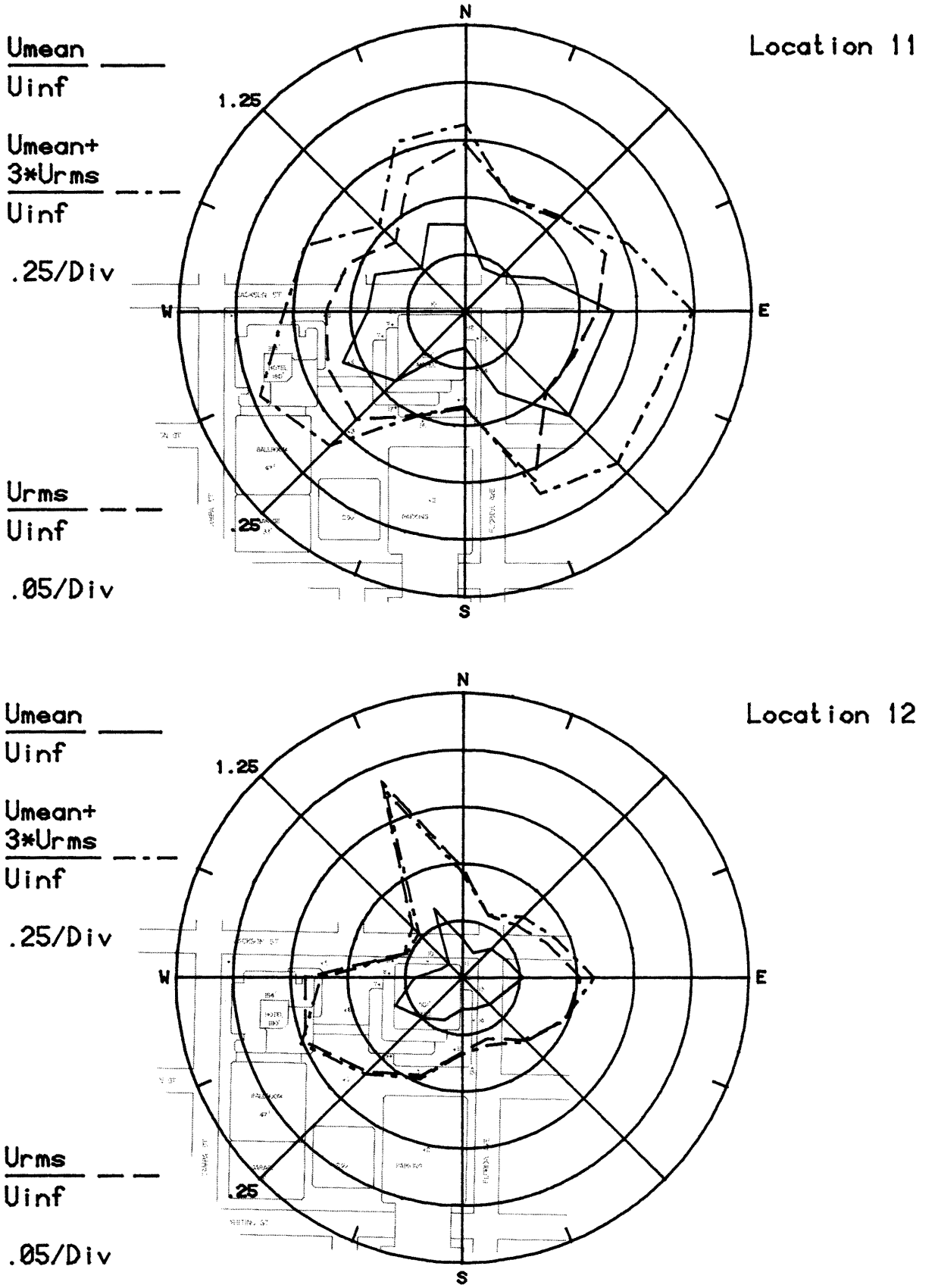



Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 11 and 12

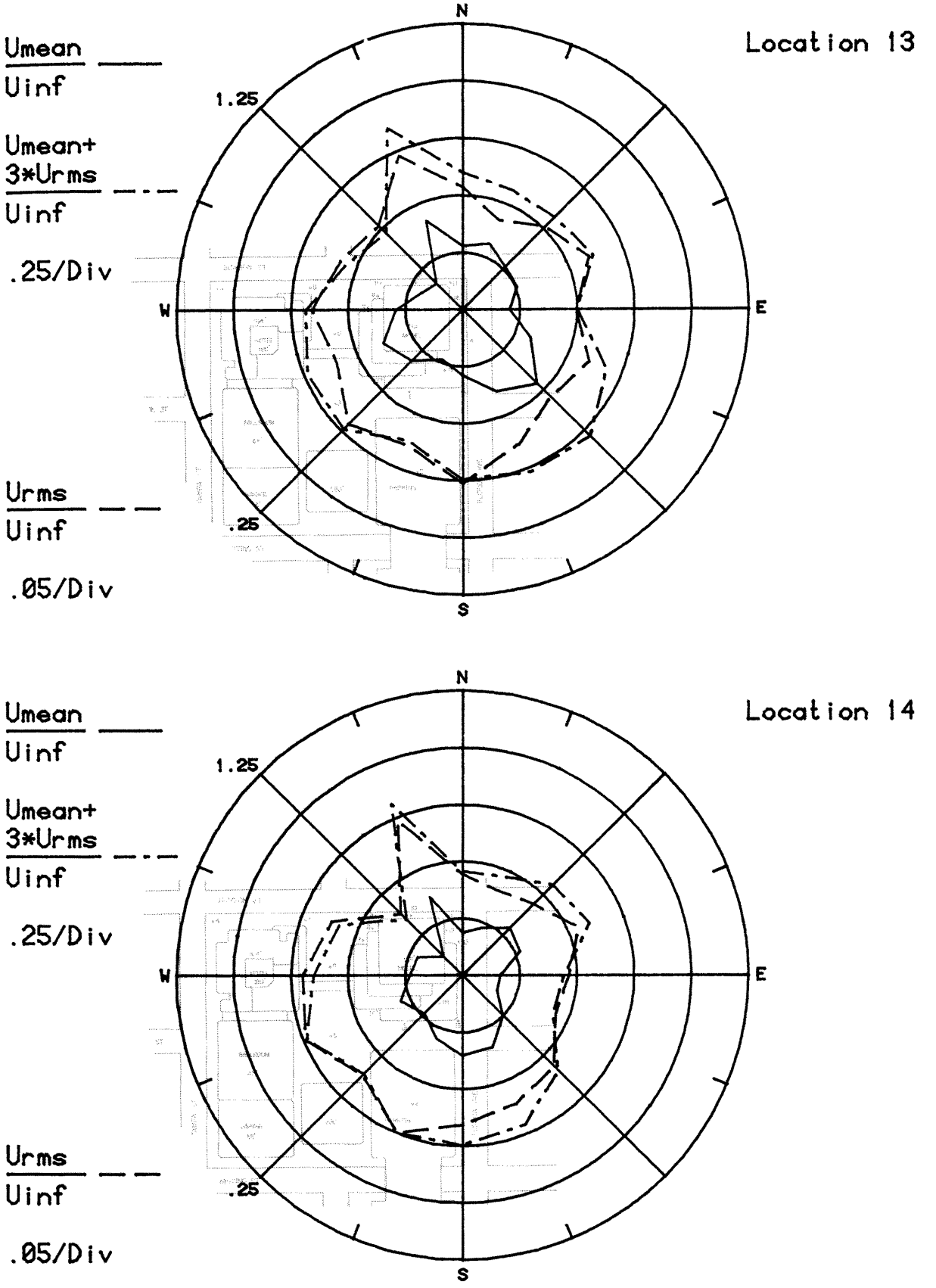



Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Locations 13 and 14

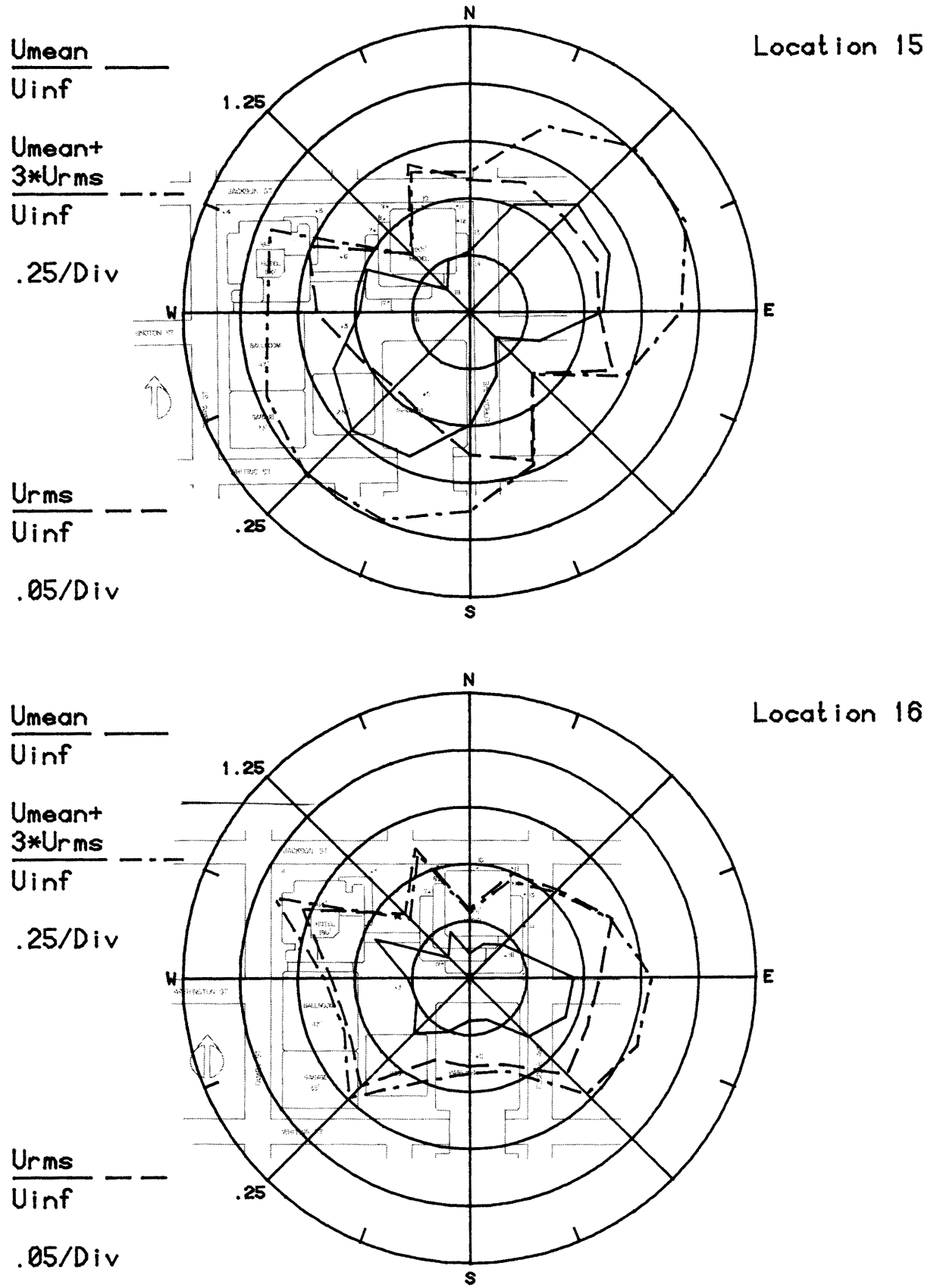



Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 15 and 16

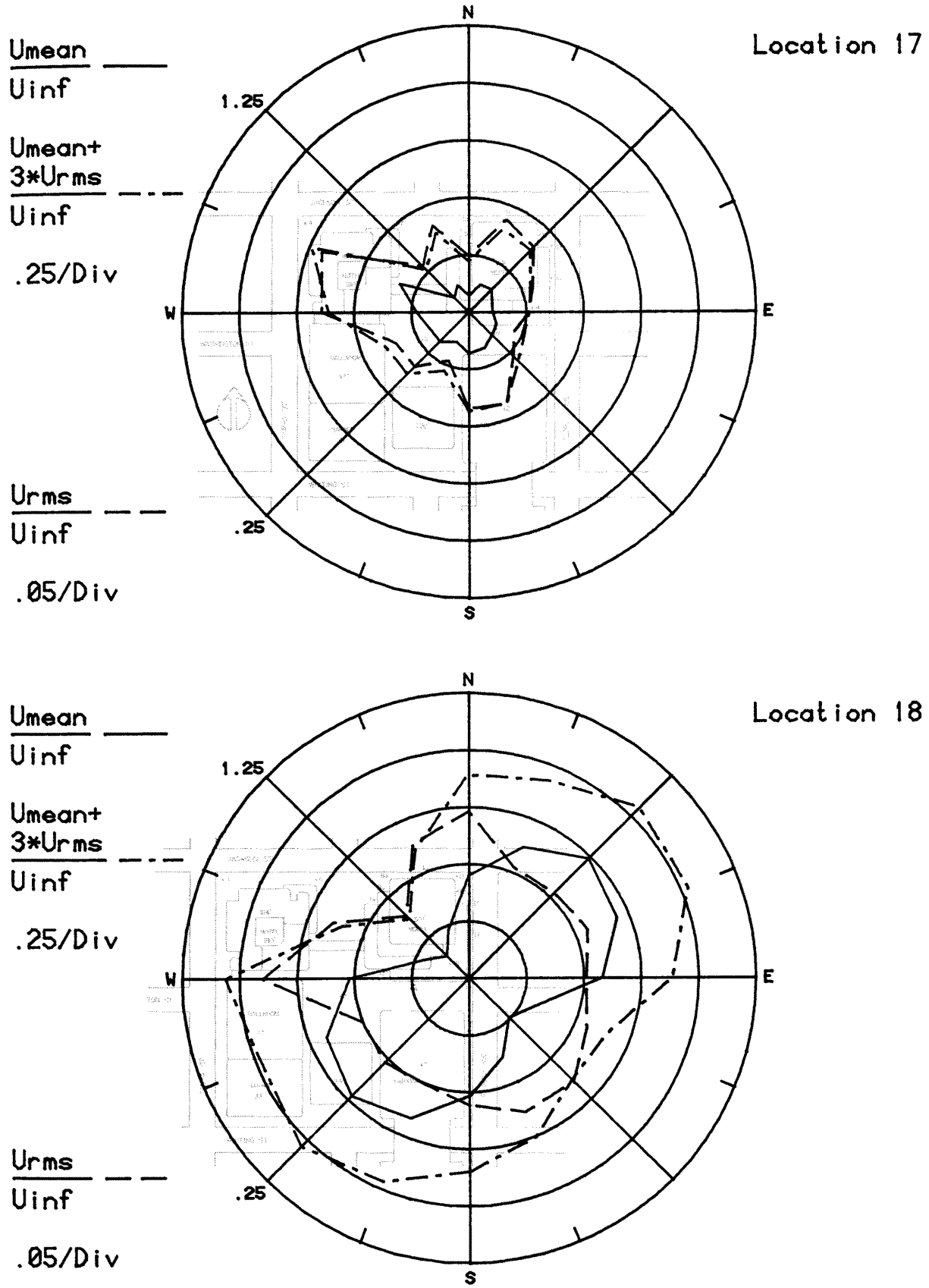



Figure 8i. Mean Velocities and Turbulence Intensities at Pedestrian Locations 17 and 18

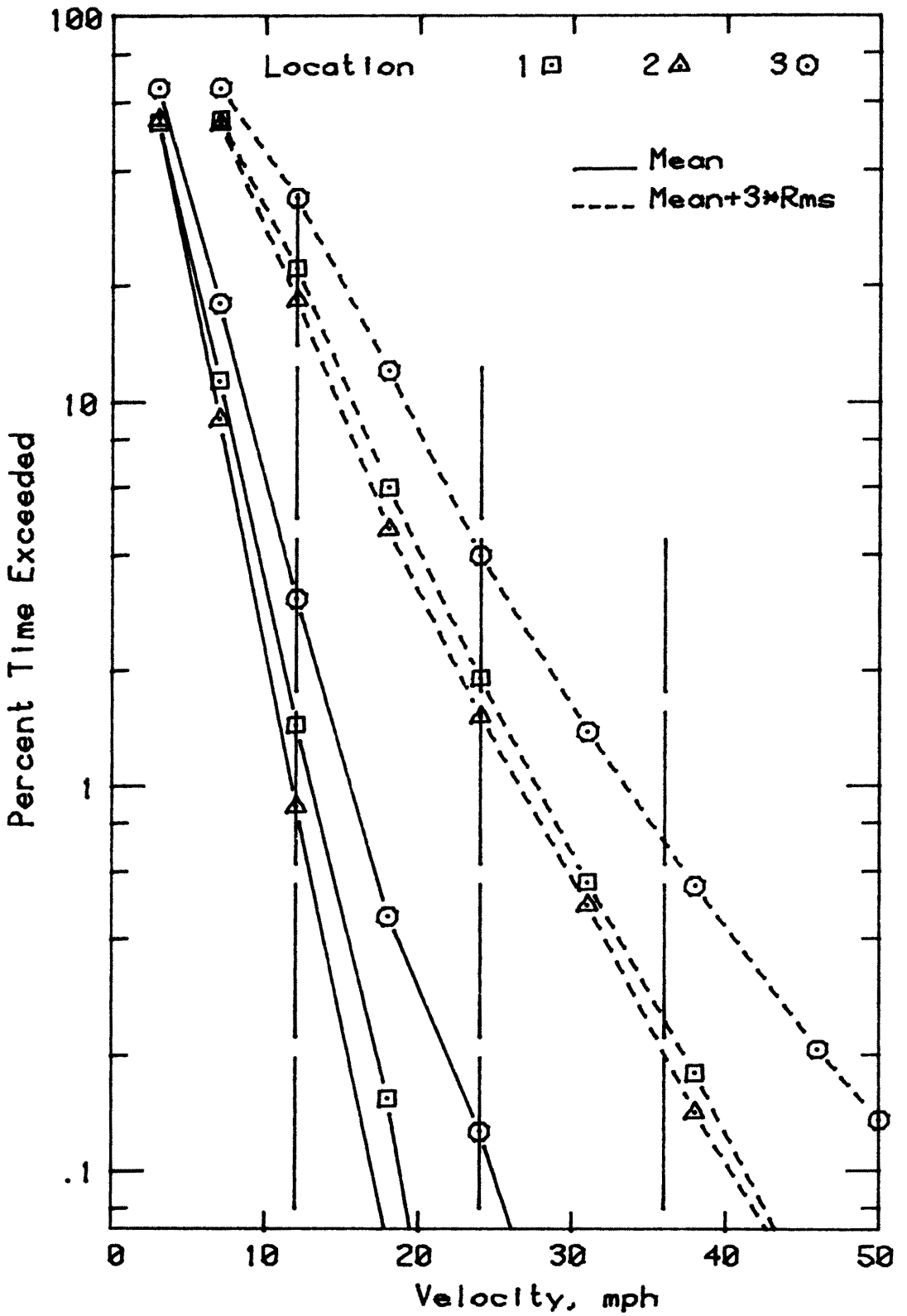



Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

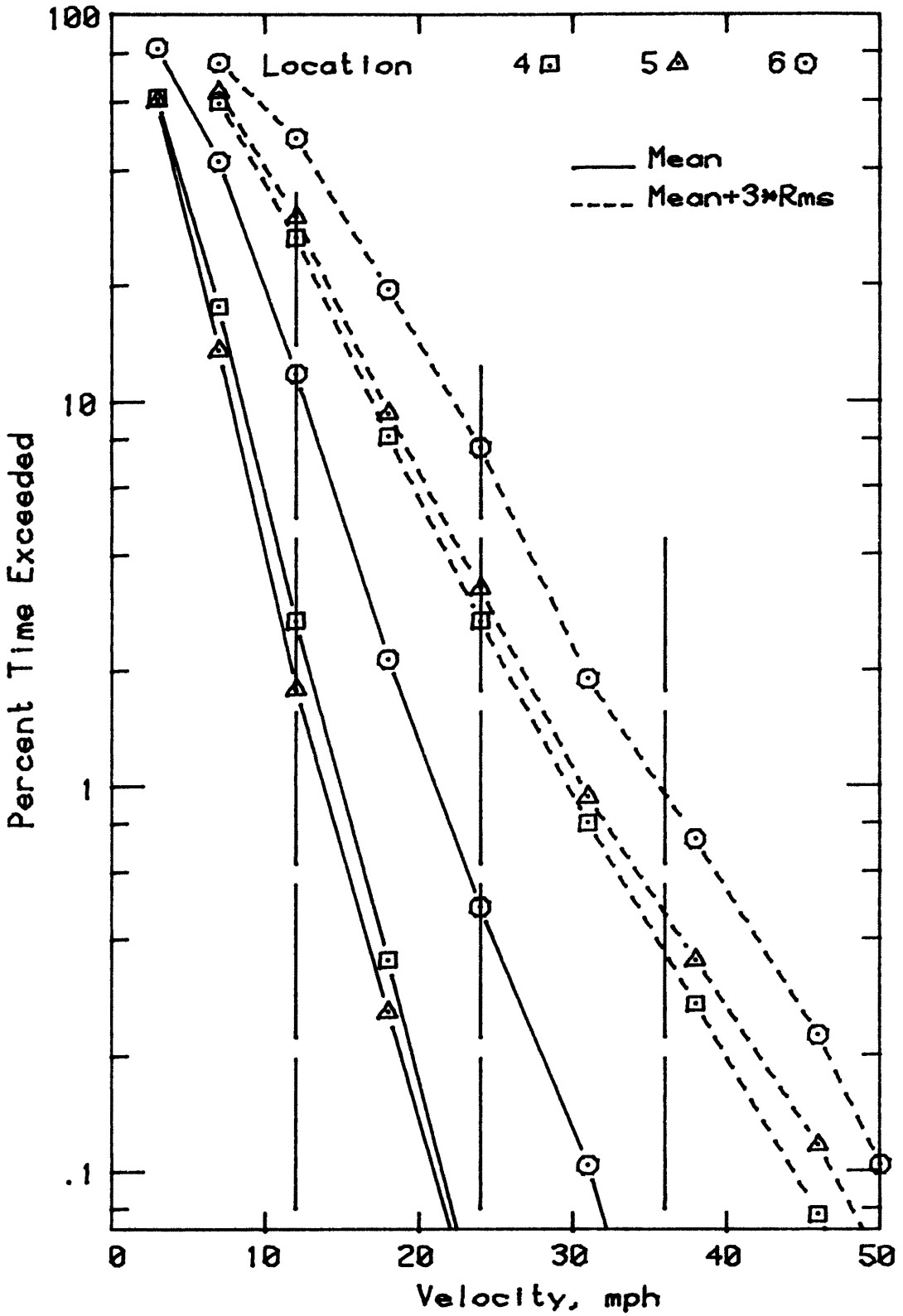



Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

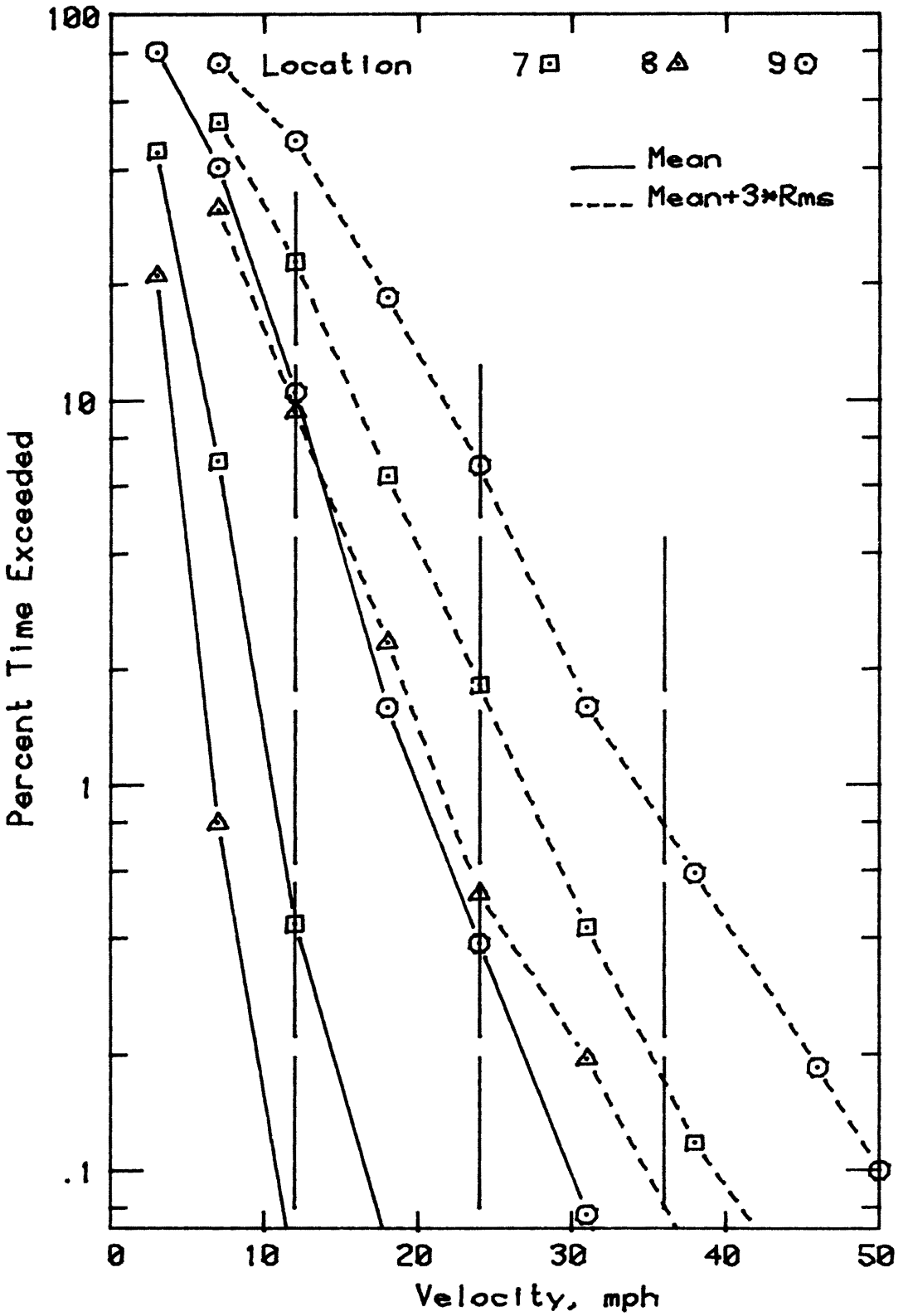



Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

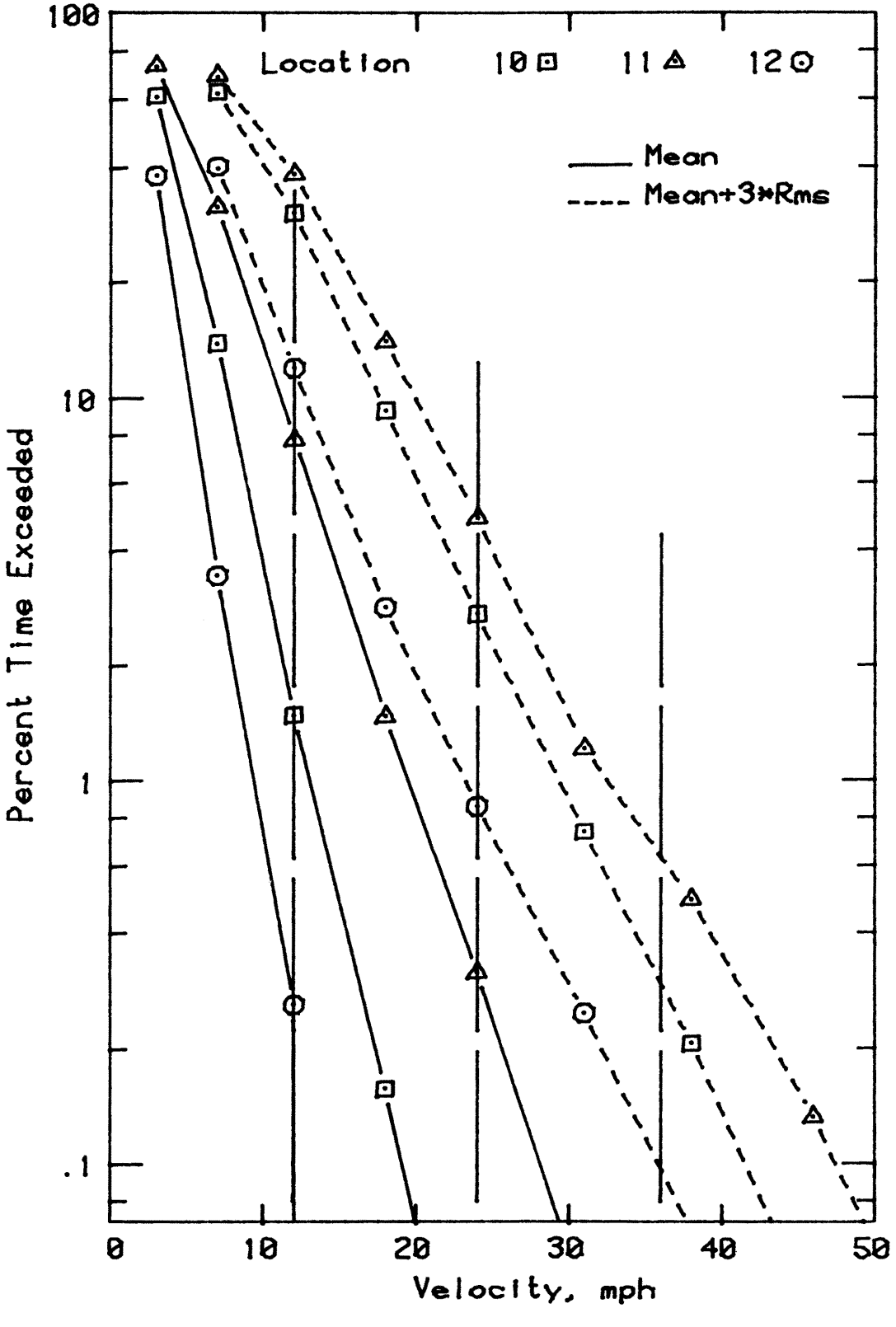



Figure 9d. Wind Velocity Probabilities for Pedestrian Locations

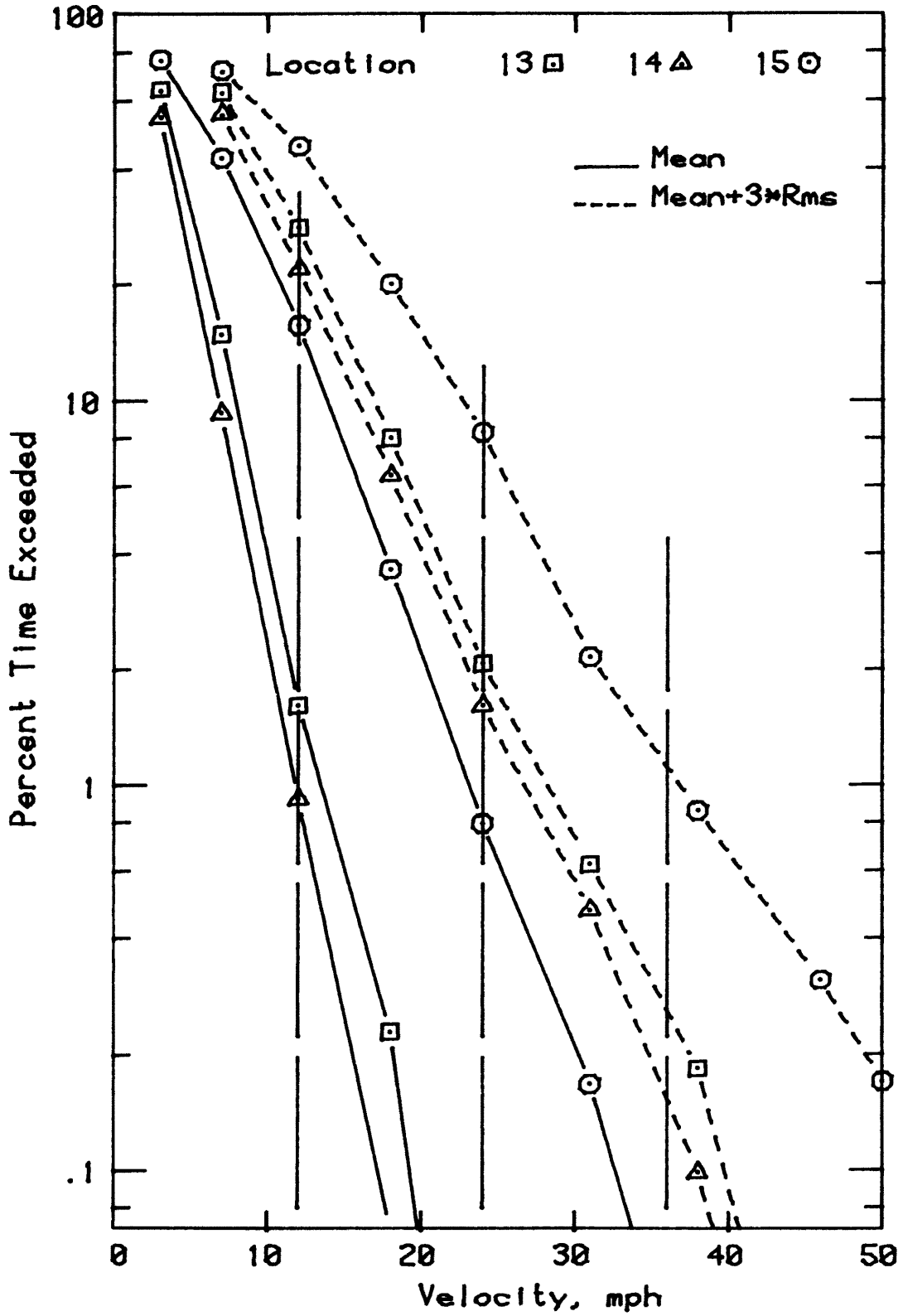



Figure 9e. Wind Velocity Probabilities for Pedestrian Locations

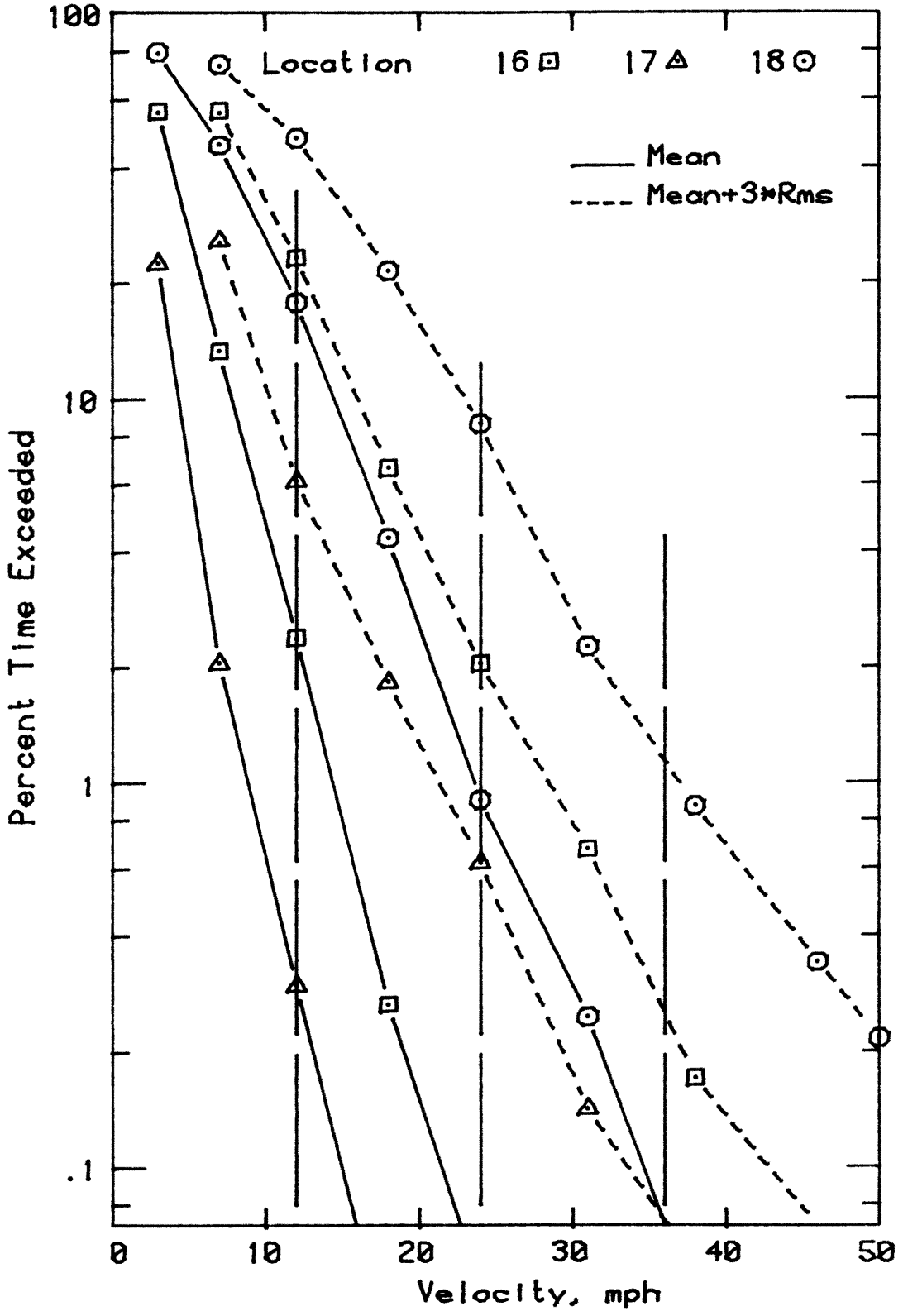



Figure 9f. Wind Velocity Probabilities for Pedestrian Locations

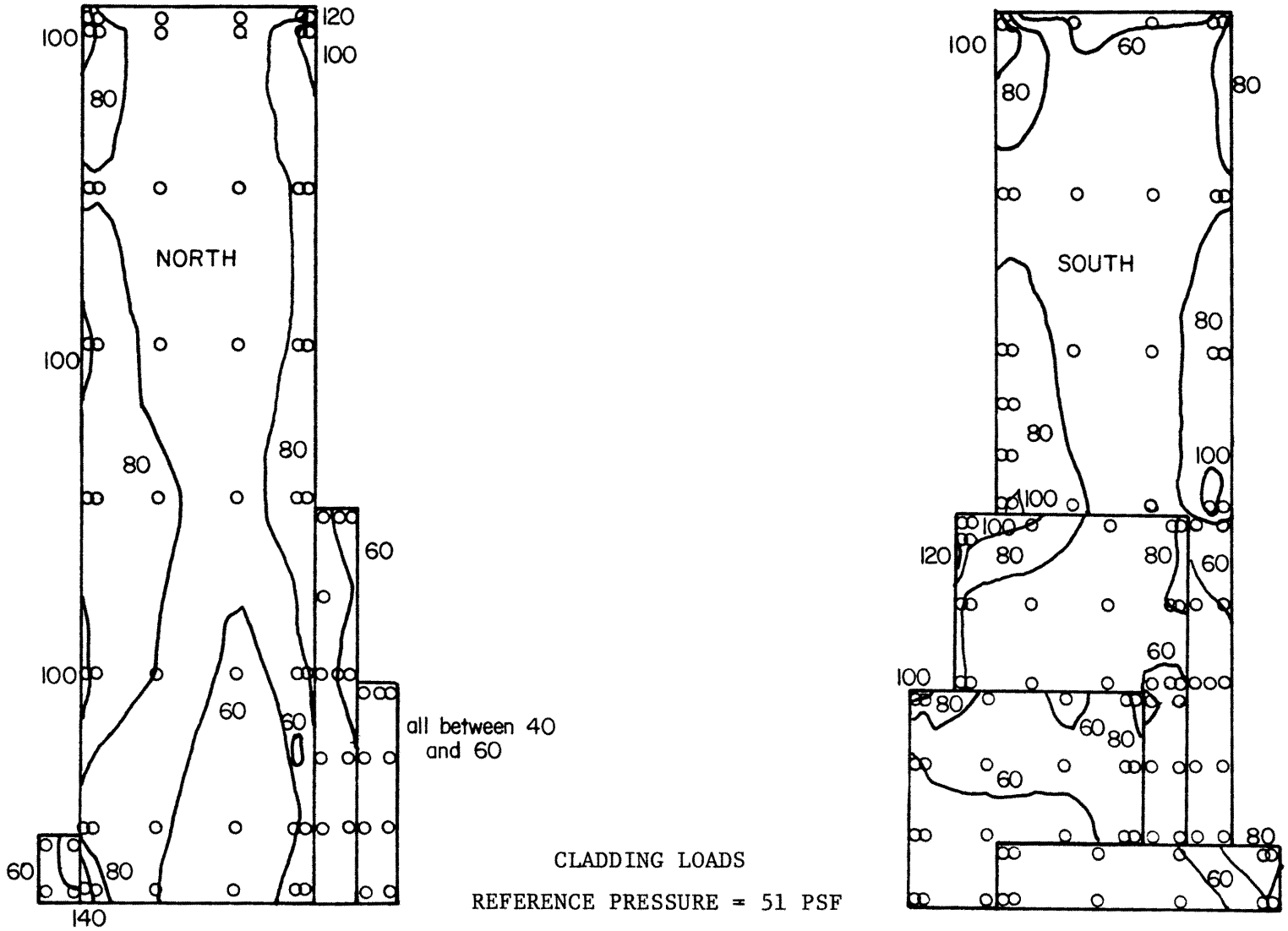



Figure 10a. Peak Pressure Loads on the Building

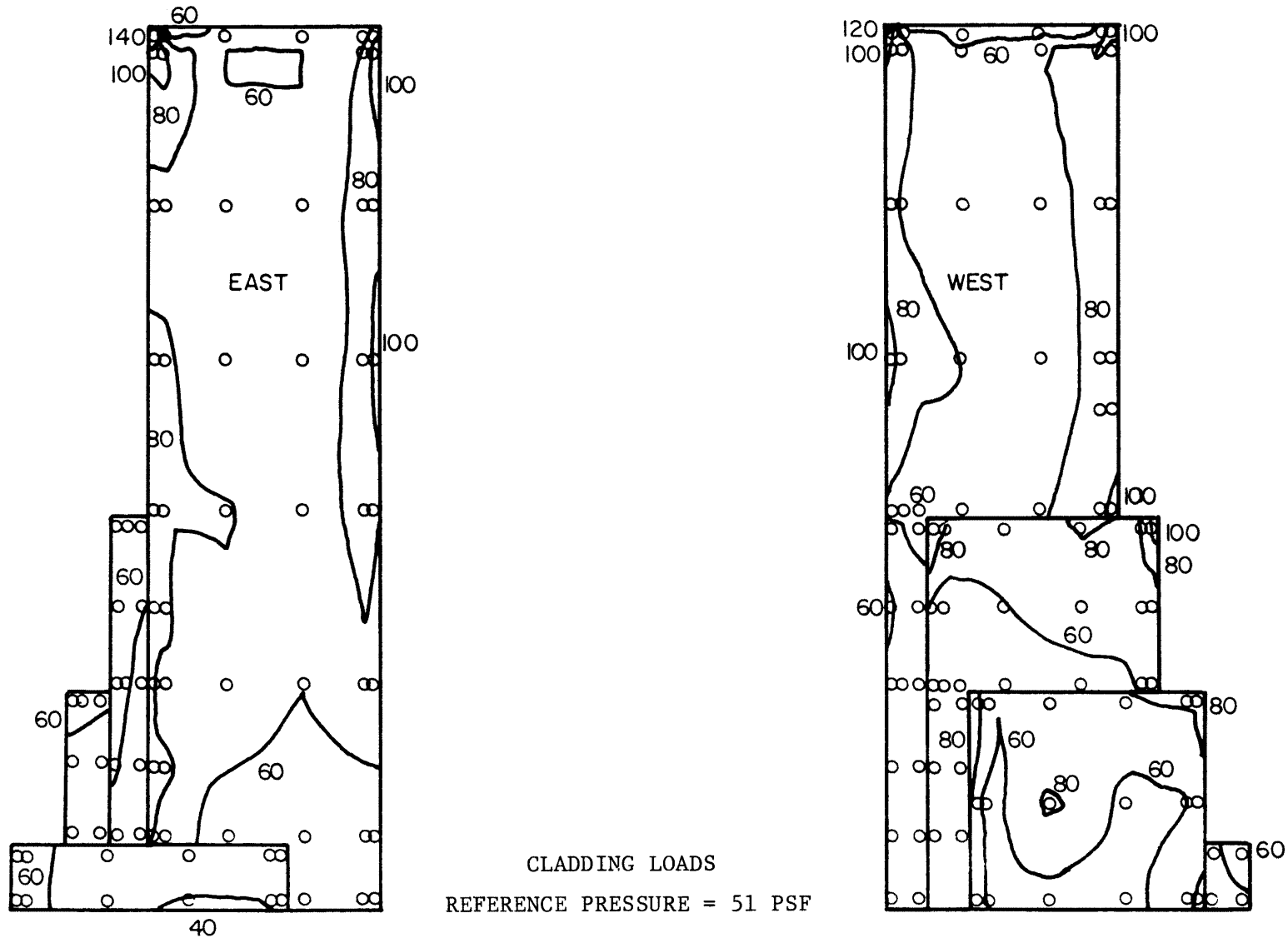



Figure 10b. Peak Pressure Loads on the Building

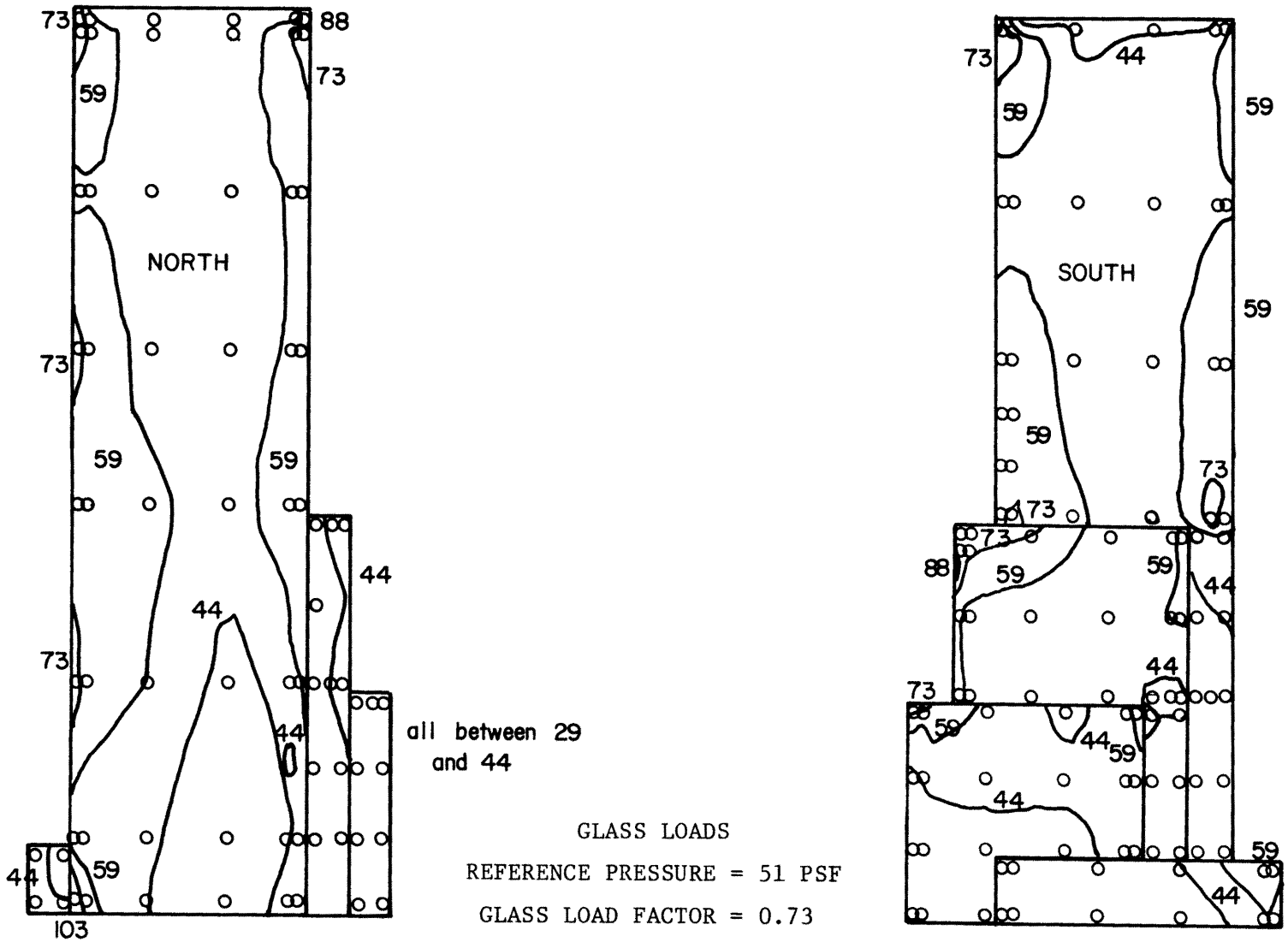



Figure 10c. Peak Pressure Loads on the Building

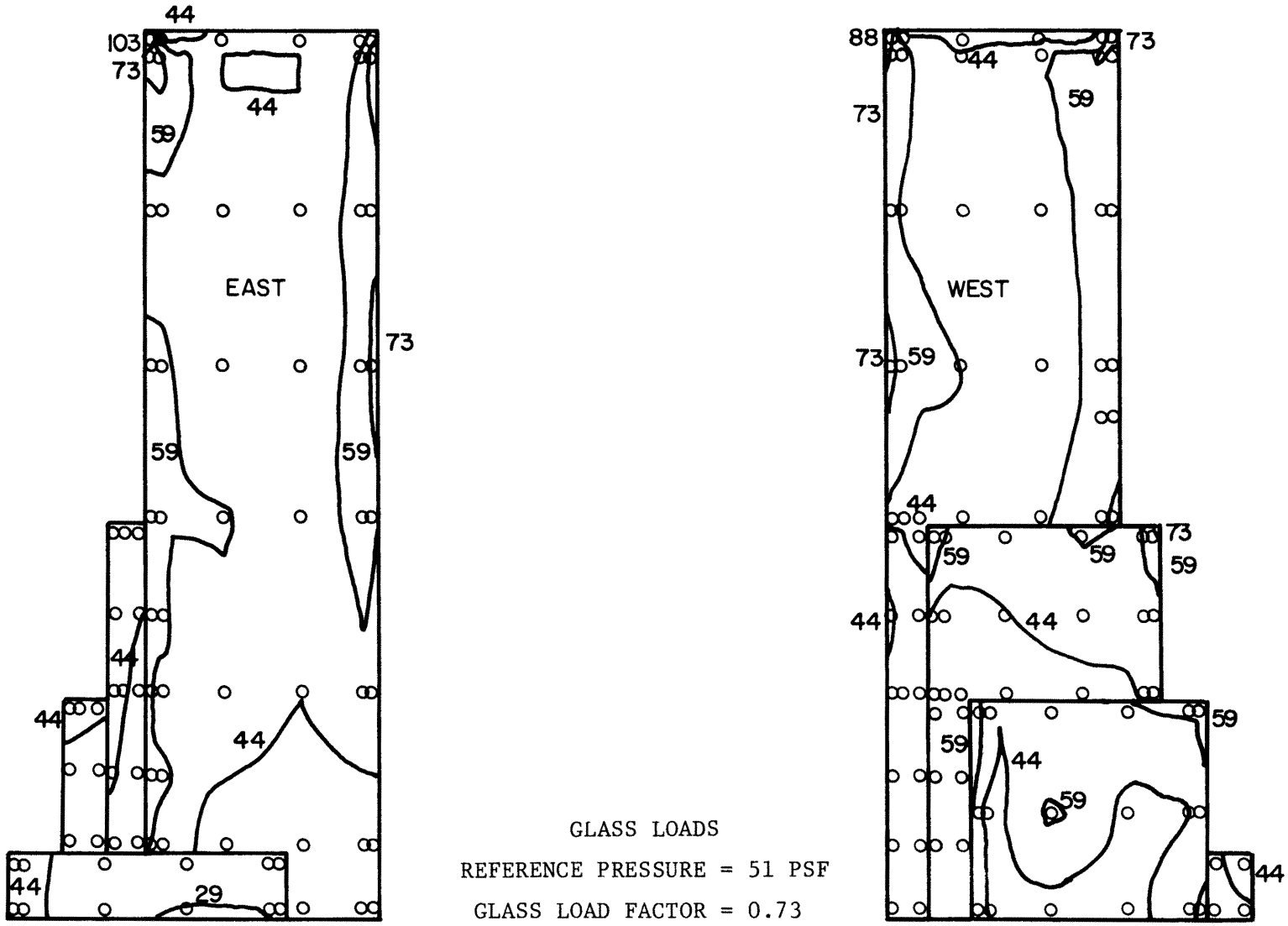



Figure 10d. Peak Pressure Loads on the Building

# TABLES

TABLE 1

MOTION PICTURE SCENE GUIDE

| Run No. | Approach Wind Direction | Smoke Location |
|---|---|---|
| 1 | 270° | North face and N.W. edge |
| 2 | 270° | Base - east face |
| 3 | 270° | Roof |
| 4 | 270° | South face - top edge middle section |
| 5 | 270° | Southwest edge |
| 6 | 110° | North face - corner flow |
| 7 | 180° | East face - corner flow |
| 8 | 180° | Southeast corner flow |
| 9 | 180° | West face - corner flow |
| 10 | 0° | East face - corner flow |
| 11 | 0° | East face - setback |

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

GTE BUILDING WITH BALLROOM, HOTEL, AND GARAGE

LOCATION 1

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 14.4 | 8.7 | 40.4 |
| 22.50 | 20.6 | 10.0 | 50.6 |
| 45.00 | 27.0 | 9.1 | 54.4 |
| 67.50 | 29.0 | 10.6 | 60.9 |
| 90.00 | 26.9 | 12.6 | 64.8 |
| 112.50 | 13.5 | 7.3 | 35.5 |
| 135.00 | 13.4 | 6.5 | 32.9 |
| 157.50 | 20.2 | 10.5 | 51.6 |
| 180.00 | 24.1 | 10.4 | 55.4 |
| 202.50 | 30.0 | 8.5 | 55.5 |
| 225.00 | 49.1 | 11.8 | 84.4 |
| 247.50 | 41.3 | 11.4 | 75.6 |
| 270.00 | 33.8 | 15.7 | 80.8 |
| 292.50 | 32.9 | 16.0 | 81.0 |
| 315.00 | 18.4 | 10.0 | 48.2 |
| 337.50 | 22.4 | 12.5 | 60.0 |

LOCATION 2

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 13.5 | 8.2 | 38.0 |
| 22.50 | 23.7 | 12.7 | 61.8 |
| 45.00 | 33.3 | 12.4 | 70.5 |
| 67.50 | 31.3 | 9.6 | 60.1 |
| 90.00 | 32.0 | 8.1 | 56.2 |
| 112.50 | 30.2 | 8.3 | 55.1 |
| 135.00 | 19.4 | 8.5 | 44.8 |
| 157.50 | 13.6 | 6.8 | 33.9 |
| 180.00 | 14.3 | 7.8 | 37.6 |
| 202.50 | 17.2 | 8.9 | 43.8 |
| 225.00 | 29.1 | 8.3 | 54.0 |
| 247.50 | 28.8 | 10.1 | 59.2 |
| 270.00 | 29.5 | 12.1 | 65.9 |
| 292.50 | 33.3 | 17.1 | 84.5 |
| 315.00 | 23.4 | 13.0 | 62.4 |
| 337.50 | 16.9 | 9.7 | 45.9 |

LOCATION 3

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 17.9 | 8.2 | 42.6 |
| 22.50 | 28.0 | 14.4 | 71.3 |
| 45.00 | 21.1 | 12.0 | 57.0 |
| 67.50 | 28.5 | 14.7 | 72.6 |
| 90.00 | 41.7 | 13.4 | 81.8 |
| 112.50 | 32.0 | 11.9 | 67.6 |
| 135.00 | 32.5 | 12.1 | 68.9 |
| 157.50 | 27.1 | 12.9 | 65.7 |
| 180.00 | 30.1 | 15.2 | 75.6 |
| 202.50 | 24.4 | 11.6 | 59.4 |
| 225.00 | 38.1 | 12.5 | 75.6 |
| 247.50 | 37.7 | 14.4 | 81.0 |
| 270.00 | 57.1 | 16.1 | 105.3 |
| 292.50 | 42.0 | 19.1 | 99.4 |
| 315.00 | 18.3 | 10.0 | 48.2 |
| 337.50 | 19.8 | 8.8 | 46.1 |

LOCATION 4

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 22.3 | 10.6 | 54.0 |
| 22.50 | 42.8 | 10.4 | 73.9 |
| 45.00 | 31.2 | 9.5 | 59.8 |
| 67.50 | 20.1 | 9.6 | 48.8 |
| 90.00 | 23.1 | 10.3 | 54.0 |
| 112.50 | 26.0 | 11.7 | 61.1 |
| 135.00 | 19.1 | 10.7 | 51.1 |
| 157.50 | 39.0 | 10.7 | 71.0 |
| 180.00 | 36.6 | 9.5 | 65.0 |
| 202.50 | 32.1 | 8.5 | 57.6 |
| 225.00 | 45.0 | 13.3 | 84.9 |
| 247.50 | 42.3 | 16.6 | 92.1 |
| 270.00 | 15.9 | 9.2 | 43.7 |
| 292.50 | 35.9 | 14.3 | 78.9 |
| 315.00 | 38.9 | 15.9 | 86.5 |
| 337.50 | 15.6 | 9.1 | 42.8 |

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

GTE BUILDING WITH BALLROOM, HOTEL, AND GARAGE

LOCATION 5

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 21.9 | 11.1 | 55.2 |
| 22.50 | 37.8 | 15.9 | 85.5 |
| 45.00 | 19.8 | 12.6 | 57.6 |
| 67.50 | 20.4 | 11.7 | 55.5 |
| 90.00 | 35.9 | 13.5 | 76.4 |
| 112.50 | 39.4 | 16.1 | 87.9 |
| 135.00 | 38.4 | 12.8 | 76.8 |
| 157.50 | 21.2 | 12.3 | 58.0 |
| 180.00 | 23.6 | 11.8 | 58.9 |
| 202.50 | 15.6 | 8.1 | 39.9 |
| 225.00 | 16.2 | 8.7 | 42.4 |
| 247.50 | 29.0 | 15.0 | 73.9 |
| 270.00 | 26.7 | 13.4 | 66.9 |
| 292.50 | 35.7 | 14.2 | 78.4 |
| 315.00 | 43.0 | 17.4 | 95.3 |
| 337.50 | 16.7 | 10.1 | 46.9 |

LOCATION 6

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 30.1 | 11.6 | 65.1 |
| 22.50 | 53.4 | 13.3 | 93.2 |
| 45.00 | 51.8 | 11.9 | 87.6 |
| 67.50 | 43.4 | 15.7 | 90.4 |
| 90.00 | 44.9 | 12.9 | 83.6 |
| 112.50 | 61.0 | 11.4 | 95.1 |
| 135.00 | 71.5 | 10.7 | 103.8 |
| 157.50 | 63.0 | 12.2 | 99.5 |
| 180.00 | 56.3 | 12.2 | 92.9 |
| 202.50 | 52.0 | 10.5 | 83.5 |
| 225.00 | 42.4 | 15.8 | 89.9 |
| 247.50 | 31.8 | 14.0 | 73.8 |
| 270.00 | 38.9 | 12.1 | 75.1 |
| 292.50 | 35.1 | 11.9 | 70.9 |
| 315.00 | 32.8 | 13.5 | 73.4 |
| 337.50 | 34.6 | 11.0 | 67.5 |

LOCATION 7

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 15.2 | 10.9 | 47.9 |
| 22.50 | 37.1 | 16.0 | 85.1 |
| 45.00 | 30.7 | 16.7 | 80.8 |
| 67.50 | 23.2 | 12.7 | 61.3 |
| 90.00 | 14.8 | 8.3 | 39.8 |
| 112.50 | 18.2 | 9.6 | 46.9 |
| 135.00 | 19.3 | 11.1 | 52.6 |
| 157.50 | 23.8 | 13.5 | 64.3 |
| 180.00 | 21.2 | 12.4 | 58.2 |
| 202.50 | 26.6 | 15.6 | 73.3 |
| 225.00 | 37.8 | 16.8 | 88.2 |
| 247.50 | 29.5 | 13.2 | 69.0 |
| 270.00 | 12.3 | 7.4 | 34.3 |
| 292.50 | 8.9 | 5.6 | 25.6 |
| 315.00 | 9.4 | 6.2 | 27.8 |
| 337.50 | 22.2 | 13.4 | 62.2 |

LOCATION 8

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 14.5 | 9.7 | 43.7 |
| 22.50 | 21.9 | 15.4 | 68.0 |
| 45.00 | 11.0 | 8.2 | 35.8 |
| 67.50 | 6.5 | 3.0 | 15.6 |
| 90.00 | 9.1 | 5.8 | 26.3 |
| 112.50 | 17.9 | 10.7 | 49.9 |
| 135.00 | 12.3 | 6.5 | 31.7 |
| 157.50 | 14.7 | 8.5 | 40.1 |
| 180.00 | 15.0 | 7.2 | 36.6 |
| 202.50 | 17.2 | 8.5 | 42.6 |
| 225.00 | 12.1 | 7.5 | 34.6 |
| 247.50 | 12.3 | 8.2 | 36.9 |
| 270.00 | 21.3 | 15.4 | 67.5 |
| 292.50 | 18.0 | 14.2 | 60.6 |
| 315.00 | 8.2 | 6.2 | 26.7 |
| 337.50 | 11.5 | 7.4 | 33.8 |

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

GTE BUILDING WITH BALLROOM, HOTEL, AND GARAGE

LOCATION 9

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 43.6 | 14.2 | 86.1 |
| 22.50 | 52.3 | 11.2 | 85.9 |
| 45.00 | 62.4 | 8.3 | 87.2 |
| 67.50 | 60.9 | 9.0 | 87.9 |
| 90.00 | 49.8 | 18.1 | 103.9 |
| 112.50 | 37.2 | 19.3 | 95.1 |
| 135.00 | 27.8 | 14.6 | 71.6 |
| 157.50 | 25.0 | 12.6 | 62.8 |
| 180.00 | 32.6 | 14.5 | 76.2 |
| 202.50 | 50.7 | 10.5 | 82.1 |
| 225.00 | 55.8 | 12.5 | 93.2 |
| 247.50 | 54.1 | 13.7 | 95.2 |
| 270.00 | 42.8 | 10.7 | 74.8 |
| 292.50 | 41.4 | 11.0 | 74.6 |
| 315.00 | 28.1 | 13.0 | 67.2 |
| 337.50 | 26.5 | 11.2 | 60.0 |

LOCATION 10

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 21.2 | 9.9 | 50.9 |
| 22.50 | 20.0 | 9.2 | 47.7 |
| 45.00 | 34.0 | 8.6 | 59.7 |
| 67.50 | 38.6 | 11.2 | 72.3 |
| 90.00 | 34.3 | 17.2 | 85.8 |
| 112.50 | 29.7 | 19.0 | 86.8 |
| 135.00 | 19.4 | 13.3 | 59.2 |
| 157.50 | 28.5 | 15.4 | 74.7 |
| 180.00 | 18.6 | 9.0 | 45.7 |
| 202.50 | 31.3 | 15.3 | 77.3 |
| 225.00 | 35.7 | 16.5 | 85.1 |
| 247.50 | 46.1 | 15.4 | 92.3 |
| 270.00 | 35.6 | 14.2 | 78.1 |
| 292.50 | 22.5 | 12.1 | 58.8 |
| 315.00 | 14.7 | 8.1 | 39.1 |
| 337.50 | 16.9 | 8.2 | 41.4 |

LOCATION 11

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 38.0 | 14.6 | 81.7 |
| 22.50 | 20.3 | 10.7 | 52.5 |
| 45.00 | 22.0 | 11.7 | 57.2 |
| 67.50 | 37.3 | 13.2 | 77.0 |
| 90.00 | 64.6 | 11.5 | 99.2 |
| 112.50 | 59.3 | 10.3 | 90.1 |
| 135.00 | 64.3 | 10.0 | 94.3 |
| 157.50 | 38.4 | 16.0 | 86.5 |
| 180.00 | 15.9 | 8.5 | 41.5 |
| 202.50 | 19.3 | 9.9 | 48.9 |
| 225.00 | 43.0 | 13.4 | 83.2 |
| 247.50 | 57.9 | 12.9 | 96.7 |
| 270.00 | 42.6 | 12.2 | 79.0 |
| 292.50 | 42.5 | 11.0 | 75.6 |
| 315.00 | 27.1 | 8.6 | 52.9 |
| 337.50 | 41.4 | 12.9 | 80.1 |

LOCATION 12

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 17.1 | 9.7 | 46.1 |
| 22.50 | 11.9 | 5.9 | 29.6 |
| 45.00 | 17.8 | 6.5 | 37.5 |
| 67.50 | 20.5 | 8.0 | 44.3 |
| 90.00 | 26.6 | 10.3 | 57.6 |
| 112.50 | 18.8 | 9.8 | 48.3 |
| 135.00 | 16.6 | 7.7 | 39.7 |
| 157.50 | 14.4 | 5.8 | 31.8 |
| 180.00 | 13.8 | 6.6 | 33.6 |
| 202.50 | 20.1 | 9.3 | 48.0 |
| 225.00 | 24.7 | 11.7 | 59.8 |
| 247.50 | 31.7 | 14.8 | 76.1 |
| 270.00 | 20.7 | 13.7 | 61.9 |
| 292.50 | 10.2 | 5.5 | 26.6 |
| 315.00 | 8.4 | 6.2 | 27.0 |
| 337.50 | 32.7 | 18.6 | 88.5 |

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

GTE BUILDING WITH BALLROOM, HOTEL, AND GARAGE

LOCATION 13

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 27.7 | 10.7 | 59.8 |
| 22.50 | 31.2 | 8.4 | 56.4 |
| 45.00 | 26.3 | 10.2 | 56.9 |
| 67.50 | 25.7 | 12.0 | 61.7 |
| 90.00 | 20.4 | 9.9 | 50.1 |
| 112.50 | 32.1 | 12.0 | 68.0 |
| 135.00 | 45.9 | 10.9 | 78.7 |
| 157.50 | 38.8 | 12.8 | 77.2 |
| 180.00 | 29.0 | 15.2 | 74.6 |
| 202.50 | 23.6 | 12.8 | 62.1 |
| 225.00 | 31.4 | 14.1 | 73.8 |
| 247.50 | 37.7 | 11.9 | 73.5 |
| 270.00 | 29.2 | 13.2 | 68.7 |
| 292.50 | 19.6 | 11.4 | 53.8 |
| 315.00 | 16.1 | 10.3 | 47.1 |
| 337.50 | 42.0 | 14.5 | 85.6 |

LOCATION 14

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 18.8 | 8.9 | 45.5 |
| 22.50 | 22.6 | 8.0 | 46.8 |
| 45.00 | 29.5 | 8.8 | 55.9 |
| 67.50 | 27.2 | 11.0 | 60.0 |
| 90.00 | 16.5 | 9.3 | 44.4 |
| 112.50 | 16.5 | 8.8 | 42.9 |
| 135.00 | 25.1 | 11.4 | 59.1 |
| 157.50 | 34.3 | 12.2 | 71.0 |
| 180.00 | 35.1 | 13.2 | 74.6 |
| 202.50 | 29.9 | 15.0 | 74.9 |
| 225.00 | 23.7 | 12.4 | 60.8 |
| 247.50 | 29.2 | 14.8 | 73.7 |
| 270.00 | 23.2 | 14.0 | 65.2 |
| 292.50 | 21.2 | 12.3 | 58.2 |
| 315.00 | 11.8 | 7.6 | 34.6 |
| 337.50 | 37.3 | 14.7 | 81.3 |

LOCATION 15

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 26.8 | 11.6 | 61.6 |
| 22.50 | 51.0 | 12.3 | 87.9 |
| 45.00 | 66.4 | 11.7 | 101.4 |
| 67.50 | 66.1 | 12.0 | 102.1 |
| 90.00 | 58.2 | 11.3 | 92.2 |
| 112.50 | 33.2 | 13.5 | 73.7 |
| 135.00 | 15.6 | 7.7 | 38.6 |
| 157.50 | 30.3 | 14.1 | 72.7 |
| 180.00 | 49.7 | 12.5 | 87.3 |
| 202.50 | 68.5 | 10.1 | 98.6 |
| 225.00 | 73.1 | 9.3 | 101.0 |
| 247.50 | 64.4 | 10.5 | 95.9 |
| 270.00 | 48.1 | 13.4 | 88.3 |
| 292.50 | 48.7 | 15.3 | 94.5 |
| 315.00 | 13.9 | 7.2 | 35.5 |
| 337.50 | 24.5 | 14.0 | 66.7 |

LOCATION 16

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 10.9 | 6.0 | 29.0 |
| 22.50 | 16.2 | 9.8 | 45.7 |
| 45.00 | 20.6 | 10.9 | 53.2 |
| 67.50 | 26.2 | 13.5 | 66.7 |
| 90.00 | 45.5 | 11.4 | 79.6 |
| 112.50 | 45.4 | 11.2 | 78.9 |
| 135.00 | 36.3 | 12.0 | 72.3 |
| 157.50 | 19.8 | 8.2 | 44.5 |
| 180.00 | 18.7 | 7.8 | 42.0 |
| 202.50 | 25.6 | 7.8 | 48.9 |
| 225.00 | 34.1 | 13.4 | 74.2 |
| 247.50 | 24.8 | 11.5 | 59.3 |
| 270.00 | 27.0 | 12.1 | 63.2 |
| 292.50 | 44.6 | 15.7 | 91.8 |
| 315.00 | 12.8 | 7.9 | 36.6 |
| 337.50 | 21.9 | 12.3 | 58.7 |

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

GTE BUILDING WITH BALLROOM, HOTEL, AND GARAGE

LOCATION 17

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 7.5 | 4.9 | 22.3 |
| 22.50 | 13.0 | 8.7 | 39.1 |
| 45.00 | 14.0 | 8.0 | 38.0 |
| 67.50 | 11.0 | 6.0 | 29.1 |
| 90.00 | 10.5 | 5.2 | 26.2 |
| 112.50 | 13.0 | 4.3 | 25.9 |
| 135.00 | 14.1 | 5.4 | 30.4 |
| 157.50 | 17.0 | 8.7 | 43.0 |
| 180.00 | 18.1 | 8.4 | 43.4 |
| 202.50 | 14.0 | 4.6 | 27.7 |
| 225.00 | 18.0 | 6.7 | 38.0 |
| 247.50 | 18.5 | 6.9 | 39.2 |
| 270.00 | 22.8 | 12.8 | 61.2 |
| 292.50 | 32.6 | 13.9 | 74.2 |
| 315.00 | 9.1 | 5.7 | 26.1 |
| 337.50 | 12.9 | 8.2 | 37.5 |

LOCATION 18

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|---|---|---|---|
| 0.00 | 45.3 | 14.6 | 89.1 |
| 22.50 | 62.1 | 10.4 | 93.3 |
| 45.00 | 73.7 | 10.5 | 105.3 |
| 67.50 | 69.6 | 11.2 | 103.2 |
| 90.00 | 58.0 | 10.2 | 88.6 |
| 112.50 | 31.3 | 11.1 | 64.6 |
| 135.00 | 24.4 | 12.9 | 63.1 |
| 157.50 | 37.4 | 12.7 | 75.5 |
| 180.00 | 51.6 | 11.1 | 85.0 |
| 202.50 | 66.4 | 10.1 | 96.5 |
| 225.00 | 72.7 | 10.4 | 103.9 |
| 247.50 | 67.6 | 10.0 | 97.7 |
| 270.00 | 52.3 | 18.0 | 106.4 |
| 292.50 | 21.3 | 12.8 | 59.7 |
| 315.00 | 13.6 | 7.7 | 36.6 |
| 337.50 | 23.1 | 12.7 | 61.1 |

TABLE 3

ANNUAL PERCENTAGE FREQUENCIES OF WIND DIRECTION AND SPEED

Based on Summary of Hourly Observations
Tampa International Airport
1951 - 1960
Effective Anemometer Elevation = 52 ft above ground

Annual Hourly Observations of Wind Speed--Miles per Hour

| Direction | 0-3 | 4-7 | 8-12 | 13-18 | 19-24 | 25-31 | 32-38 | 39-46 | 47+ | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 3.0 | 3.1 | 1.2 | .1 | .0 | .0 | .0 | .0 | 8.5 |
| NNE | .4 | 2.3 | 3.5 | 1.5 | .1 | .0 | .0 | .0 | | 7.8 |
| NE | .9 | 2.7 | 3.3 | 1.0 | .1 | .0 | | | | 8.1 |
| ENE | .4 | 3.2 | 3.9 | 1.5 | .1 | .1 | | .0 | | 9.3 |
| E | 1.1 | 3.9 | 3.7 | 1.2 | .1 | .1 | .0 | | | 10.0 |
| ESE | .3 | 2.4 | 2.7 | .8 | .1 | .0 | | | | 6.3 |
| SE | .4 | 1.8 | 2.1 | .6 | .1 | .0 | | | | 5.0 |
| SSE | .2 | 1.5 | 2.0 | .9 | .1 | .1 | | | | 4.8 |
| S | .2 | 1.5 | 2.4 | 1.4 | .3 | .1 | .0 | | | 5.8 |
| SSW | .1 | 1.0 | 1.7 | .9 | .2 | .0 | | | | 3.9 |
| SW | .1 | 1.2 | 1.9 | .5 | .1 | .0 | | | | 3.9 |
| WSW | .1 | 1.1 | 2.5 | .8 | .1 | .0 | | | | 4.6 |
| W | .2 | 1.3 | 2.5 | 1.0 | .2 | .1 | .0 | | | 5.3 |
| WNW | .1 | 1.4 | 1.6 | .9 | .4 | .1 | .0 | | .0 | 4.6 |
| NW | .1 | 1.4 | 1.7 | .9 | .2 | .1 | .0 | | .0 | 4.4 |
| NNW | .2 | 1.6 | 1.5 | .8 | .1 | .1 | | | .0 | 4.2 |
| CALM | 3.5 | | | | | | | | | 3.5 |
| TOTAL | 9.4 | 31.4 | 40.3 | 16.2 | 2.2 | .4 | .1 | .0 | .0 | 100.0 |

TABLE 4

SUMMARY OF WIND EFFECTS ON PEOPLE

| | Beaufort number | Speed (mph) | Effects |
|---|---|---|---|
| Calm, light air | 0,1 | 0- 3 | Calm, no noticeable wind |
| Light breeze | 2 | 4- 7 | Wind felt on face |
| Gentle breeze | 3 | 8-12 | Wind extends light flag<br>Hair is disturbed<br>Clothing flaps |
| Moderate breeze | 4 | 13-18 | Raises dust, dry soil and loose paper<br>Hair disarranged |
| Fresh breeze | 5 | 19-24 | Force of wind felt on body<br>Drifting snow becomes airborne<br>Limit of agreeable wind on land |
| Strong breeze | 6 | 25-31 | Umbrellas used with difficulty<br>Hair blown straight<br>Difficult to walk steadily<br>Wind noise on ears unpleasant<br>Windborne snow above head height (blizzard) |
| Near gale | 7 | 32-38 | Inconvenience felt when walking |
| Gale | 8 | 39-46 | Generally impedes progress<br>Great difficulty with balance in gusts |
| Strong gale | 9 | 47-54 | People blown over by gusts |

Note: Table from Reference 4, p. 40

TABLE 5

CALCULATION OF REFERENCE PRESSURE

1. Basic wind speed from ANSI A58.1 (Ref. 5):

   100-yr fastest mile at 30 ft = 100 mph

   Mean hourly wind speed = $\frac{100}{1.29}$ = 77.5 mph

   Mean hourly gradient wind speed = $77.5 \left(\frac{1000}{30}\right)^{0.17}$ = 140.7 mph

   Height of wind tunnel reference velocity = 50 in model

   = $50 \left(\frac{350}{12}\right)$ = 1458 ft

   Mean hourly wind at reference location, $U_\infty$ = gradient wind

   Reference pressure = $0.5 \rho U_\infty^2 = 0.00256 \ (140.7)^2$ = 50.7 psf

   Use 51 psf

2. Calculation of cladding peak pressures for 1 minute equivalent load for glass: multiply by glass load factor = 0.73 (Ref. 8).

3. Loads for 50-yr recurrence wind

   50-yr recurrence wind = 90 mph

   Multiply by $\left(\frac{90}{100}\right)^2$ = 0.81

4. Gust load factors to convert hourly mean integrated loads to various gust durations (see Sect. 4.4):

| Gust Duration, sec | Gust Load Factor |
|---|---|
| 10-15 | $(1.4)^2 = 1.96$ |
| 30 | $(1.32)^2 = 1.74$ |
| 45 | $(1.26)^2 = 1.59$ |

TABLE 6 -- CLADDING AND GLASS LOADS-- CONFIGURATION A -- QUAD BLOCK BUILDING -- TAMPA , FLORIDA
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN), PEAK LOAD AND GLASS LOAD (1 MINUTE EQUIVALENT)
REFERENCE PRESSURE = 51. PSF GLASS LOAD FACTOR= 730

| TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) | TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) | TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 101 | 80 | 2.03 | 103.6 | 75.6 | 151 | 150 | 1.30 | 66.4 | 48.5 | 223 | 0 | 1.64 | 83.6 | 61.0 |
| 102 | 80 | 1.48 | 75.3 | 55.0 | 152 | 150 | 1.38 | 70.3 | 51.3 | 224 | 0 | 2.23 | 113.5 | 82.9 |
| 103 | 270 | 1.29 | 65.9 | 48.1 | 153 | 280 | 1.41 | 71.7 | 52.3 | 225 | 170 | 1.57 | 80.1 | 58.5 |
| 104 | 90 | 1.23 | 62.5 | 45.6 | 154 | 280 | .93 | 47.5 | 34.6 | 226 | 170 | 1.61 | 82.0 | 59.9 |
| 105 | 280 | 1.39 | 70.7 | 51.6 | 155 | 270 | 1.23 | 62.5 | 45.6 | 227 | 170 | 1.60 | 81.7 | 59.7 |
| 106 | 280 | 2.48 | 126.5 | 92.3 | 156 | 280 | 1.20 | 61.1 | 44.6 | 228 | 0 | 1.38 | 70.3 | 51.3 |
| 107 | 80 | 2.05 | 104.5 | 76.3 | 157 | 190 | 1.06 | 54.2 | 39.6 | 229 | 0 | 1.71 | 87.1 | 63.6 |
| 108 | 80 | 1.88 | 95.9 | 70.0 | 158 | 200 | 1.27 | 64.7 | 47.3 | 230 | 0 | 1.59 | 81.1 | 59.2 |
| 109 | 270 | 1.23 | 62.7 | 45.8 | 159 | 240 | 1.42 | 72.2 | 52.7 | 231 | 180 | 1.66 | 84.8 | 61.9 |
| 110 | 90 | 1.24 | 63.4 | 46.3 | 160 | 210 | .96 | 49.2 | 35.9 | 232 | 180 | 1.90 | 97.0 | 70.8 |
| 111 | 280 | 1.98 | 101.1 | 73.8 | 161 | 250 | 1.16 | 59.0 | 43.1 | 233 | 170 | 1.54 | 78.7 | 57.5 |
| 112 | 280 | 2.10 | 106.9 | 78.1 | 162 | 200 | 1.01 | 51.6 | 37.6 | 234 | 170 | 1.22 | 62.0 | 45.3 |
| 113 | 270 | 1.50 | 76.3 | 55.7 | 163 | 210 | 1.19 | 60.7 | 44.3 | 235 | 330 | 1.45 | 73.9 | 54.0 |
| 114 | 90 | 1.55 | 78.9 | 57.6 | 164 | 210 | 1.42 | 72.4 | 52.8 | 236 | 350 | 1.19 | 60.6 | 44.2 |
| 115 | 90 | 1.36 | 69.1 | 50.5 | 165 | 70 | .81 | 41.4 | 30.2 | 237 | 10 | 1.51 | 76.8 | 56.1 |
| 116 | 270 | 1.39 | 70.7 | 51.6 | 166 | 200 | 1.02 | 52.0 | 37.9 | 238 | 0 | 1.45 | 74.0 | 54.0 |
| 117 | 270 | 1.60 | 81.8 | 59.7 | 167 | 80 | .86 | 43.9 | 32.1 | 239 | 200 | 1.61 | 82.3 | 60.0 |
| 118 | 300 | 1.70 | 86.7 | 63.3 | 168 | 200 | .99 | 50.5 | 36.9 | 240 | 200 | 1.57 | 80.2 | 58.6 |
| 119 | 80 | 2.07 | 105.4 | 76.9 | 169 | 200 | .99 | 50.7 | 37.0 | 241 | 220 | 1.53 | 78.2 | 57.1 |
| 120 | 80 | 1.86 | 94.9 | 69.3 | 170 | 210 | .98 | 49.8 | 36.4 | 242 | 210 | 1.40 | 71.4 | 52.1 |
| 121 | 80 | 1.45 | 73.8 | 53.9 | 171 | 200 | 1.02 | 52.2 | 38.1 | 243 | 90 | .96 | 48.9 | 35.7 |
| 122 | 90 | 1.37 | 69.7 | 50.9 | 172 | 40 | 1.03 | 52.6 | 38.4 | 244 | 270 | .94 | 47.8 | 34.9 |
| 123 | 300 | 1.60 | 81.8 | 59.7 | 173 | 190 | 1.02 | 51.9 | 37.9 | 245 | 330 | .87 | 44.5 | 32.5 |
| 124 | 300 | 1.62 | 82.5 | 60.2 | 174 | 200 | .93 | 47.6 | 34.8 | 246 | 340 | .95 | 48.6 | 35.5 |
| 125 | 90 | 1.64 | 83.9 | 61.2 | 175 | 200 | .88 | 44.9 | 32.8 | 247 | 250 | .98 | 49.9 | 36.4 |
| 126 | 80 | 1.59 | 81.2 | 59.3 | 176 | 90 | .94 | 47.8 | 34.9 | 248 | 260 | .94 | 47.8 | 34.9 |
| 127 | 90 | 1.64 | 83.6 | 61.1 | 177 | 40 | .93 | 47.7 | 34.8 | 249 | 330 | .95 | 48.5 | 35.4 |
| 128 | 210 | 1.39 | 71.0 | 51.8 | 178 | 100 | 1.12 | 57.2 | 41.7 | 250 | 200 | 1.49 | 76.0 | 55.5 |
| 129 | 270 | 1.84 | 93.6 | 68.4 | 201 | 170 | 2.52 | 128.4 | 93.8 | 251 | 220 | 1.28 | 65.1 | 47.5 |
| 130 | 270 | 1.81 | 92.3 | 67.4 | 202 | 170 | 1.29 | 65.9 | 48.1 | 252 | 220 | 1.19 | 60.9 | 44.5 |
| 131 | 180 | 1.93 | 98.4 | 71.8 | 203 | 350 | 1.24 | 63.1 | 46.1 | 253 | 60 | 1.30 | 66.1 | 48.3 |
| 132 | 270 | 1.90 | 97.1 | 70.9 | 204 | 180 | 1.35 | 68.7 | 50.2 | 254 | 60 | 1.20 | 61.3 | 44.7 |
| 133 | 80 | 2.12 | 108.0 | 78.9 | 205 | 0 | 1.34 | 68.1 | 49.7 | 255 | 220 | 1.35 | 68.7 | 50.1 |
| 134 | 90 | 1.79 | 91.4 | 66.7 | 206 | 10 | 1.86 | 94.8 | 69.2 | 256 | 220 | 1.27 | 64.7 | 47.2 |
| 135 | 90 | 1.55 | 79.3 | 57.9 | 207 | 170 | 2.08 | 105.8 | 77.3 | 257 | 220 | 1.04 | 53.0 | 38.7 |
| 136 | 90 | 1.00 | 51.1 | 37.3 | 208 | 170 | 2.13 | 108.6 | 79.3 | 258 | 220 | 1.29 | 66.0 | 48.2 |
| 137 | 280 | 1.34 | 68.5 | 50.0 | 209 | 0 | 1.16 | 59.0 | 43.1 | 259 | 60 | .89 | 45.3 | 33.1 |
| 138 | 280 | 1.58 | 80.3 | 58.6 | 210 | 350 | 1.14 | 58.0 | 42.3 | 260 | 10 | .89 | 45.3 | 33.1 |
| 139 | 280 | 1.06 | 54.2 | 39.6 | 211 | 0 | 1.62 | 82.6 | 60.3 | 261 | 50 | .99 | 50.4 | 36.8 |
| 140 | 280 | 1.41 | 72.0 | 52.6 | 212 | 0 | 2.30 | 117.5 | 85.8 | 262 | 220 | 1.30 | 66.5 | 48.5 |
| 141 | 90 | 1.34 | 68.5 | 50.0 | 213 | 160 | 1.41 | 72.0 | 52.6 | 263 | 220 | 1.27 | 64.5 | 47.1 |
| 142 | 90 | 1.32 | 67.3 | 49.1 | 214 | 170 | 1.42 | 72.4 | 52.8 | 264 | 220 | 1.22 | 62.3 | 45.5 |
| 143 | 90 | 1.25 | 63.6 | 46.4 | 215 | 350 | 1.25 | 63.7 | 46.5 | 265 | 220 | 1.07 | 54.7 | 39.9 |
| 144 | 220 | .80 | 40.8 | 29.8 | 216 | 0 | 1.33 | 67.7 | 49.4 | 266 | 220 | 1.03 | 52.5 | 38.3 |
| 145 | 260 | 1.15 | 58.4 | 42.6 | 217 | 10 | 1.68 | 85.8 | 62.7 | 267 | 220 | 1.06 | 54.2 | 39.6 |
| 146 | 260 | 1.27 | 64.5 | 47.1 | 218 | 350 | 1.62 | 82.8 | 60.5 | 268 | 220 | 1.07 | 54.7 | 39.9 |
| 147 | 110 | 2.50 | 127.5 | 93.1 | 219 | 340 | 1.64 | 83.5 | 61.0 | 269 | 230 | 1.24 | 63.1 | 46.0 |
| 148 | 90 | 1.68 | 85.5 | 62.4 | 220 | 170 | 1.63 | 83.0 | 60.6 | 270 | 230 | 1.29 | 66.0 | 48.2 |
| 149 | 160 | 1.18 | 60.2 | 43.9 | 221 | 170 | 1.24 | 63.0 | 46.0 | 271 | 230 | .94 | 48.1 | 35.1 |
| 150 | 160 | .83 | 42.3 | 30.9 | 222 | 0 | 1.38 | 70.3 | 51.3 | 272 | 220 | .99 | 50.5 | 36.9 |

TABLE 6 -- CLADDING AND GLASS LOADS-- CONFIGURATION A -- QUAD BLOCK BUILDING -- TAMPA , FLORIDA
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN), PEAK LOAD AND GLASS LOAD (1 MINUTE EQUIVALENT)
REFERENCE PRESSURE = 51. PSF GLASS LOAD FACTOR= 730

| TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) | TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) | TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 273 | 280 | .99 | 50.6 | 37.0 | 344 | 10 | .93 | 47.5 | 34.7 | 394 | 310 | 1.15 | 58.5 | 42.7 |
| 274 | 280 | .94 | 48.1 | 35.1 | 345 | 20 | .88 | 44.9 | 32.8 | 395 | 280 | 1.07 | 54.6 | 39.9 |
| 275 | 290 | 1.40 | 71.5 | 52.2 | 346 | 30 | .90 | 46.1 | 33.7 | 396 | 270 | 1.05 | 53.7 | 39.2 |
| 276 | 290 | 1.29 | 66.0 | 48.1 | 347 | 260 | 2.20 | 112.4 | 82.0 | 397 | 290 | 1.05 | 53.6 | 39.1 |
| 277 | 280 | .90 | 46.1 | 33.6 | 348 | 270 | 2.15 | 109.4 | 79.9 | 398 | 340 | 1.04 | 53.2 | 38.9 |
| 278 | 290 | .75 | 38.4 | 28.0 | 349 | 260 | 1.97 | 100.6 | 73.5 | 399 | 40 | 1.05 | 53.4 | 39.0 |
| 279 | 290 | .78 | 39.7 | 29.0 | 350 | 90 | 1.24 | 63.5 | 46.3 | 400 | 50 | 1.14 | 58.1 | 42.4 |
| 280 | 280 | .97 | 49.5 | 36.1 | 351 | 80 | 1.37 | 69.6 | 50.8 | 401 | 60 | 1.91 | 97.2 | 71.0 |
| 301 | 260 | 1.87 | 95.6 | 69.8 | 352 | 80 | 1.77 | 90.3 | 65.9 | 402 | 60 | 1.63 | 83.1 | 60.7 |
| 302 | 270 | 1.36 | 69.4 | 50.7 | 353 | 260 | 2.55 | 129.9 | 94.8 | 403 | 290 | 1.08 | 54.9 | 40.1 |
| 303 | 270 | 1.14 | 58.1 | 42.4 | 354 | 260 | 1.73 | 88.2 | 64.4 | 404 | 280 | 1.01 | 51.4 | 37.5 |
| 304 | 90 | 1.18 | 60.2 | 43.9 | 355 | 260 | 1.60 | 81.7 | 59.6 | 405 | 20 | 1.00 | 51.0 | 37.2 |
| 305 | 90 | 1.28 | 65.4 | 47.7 | 356 | 260 | 1.43 | 72.9 | 53.2 | 406 | 50 | .85 | 43.1 | 31.5 |
| 306 | 100 | 1.78 | 91.0 | 66.4 | 357 | 270 | 1.30 | 66.1 | 48.2 | 407 | 50 | 1.55 | 79.1 | 57.8 |
| 307 | 260 | 2.10 | 107.3 | 78.3 | 358 | 60 | 1.21 | 61.9 | 45.2 | 408 | 40 | 1.49 | 75.8 | 55.3 |
| 308 | 260 | 2.02 | 103.2 | 75.4 | 359 | 90 | 1.63 | 83.3 | 60.8 | 501 | 350 | 2.12 | 108.2 | 79.0 |
| 309 | 90 | 1.16 | 59.0 | 43.1 | 360 | 90 | 1.61 | 82.2 | 60.0 | 502 | 340 | 1.27 | 64.7 | 47.2 |
| 310 | 270 | 1.24 | 63.3 | 46.2 | 361 | 250 | 1.66 | 84.5 | 61.6 | 503 | 180 | 1.14 | 58.4 | 42.6 |
| 311 | 100 | 1.62 | 82.5 | 60.2 | 362 | 250 | 1.51 | 76.9 | 56.1 | 504 | 0 | 1.17 | 59.6 | 43.5 |
| 312 | 100 | 1.83 | 93.4 | 68.2 | 363 | 30 | 1.24 | 63.3 | 46.2 | 505 | 190 | 1.28 | 65.3 | 47.7 |
| 313 | 260 | 1.37 | 70.0 | 51.1 | 364 | 90 | 1.19 | 60.9 | 44.5 | 506 | 180 | 2.28 | 116.3 | 84.9 |
| 314 | 260 | 1.39 | 70.8 | 51.7 | 365 | 80 | 1.11 | 56.4 | 41.1 | 507 | 350 | 1.90 | 96.7 | 70.6 |
| 315 | 270 | 1.36 | 69.5 | 50.8 | 366 | 90 | .98 | 49.9 | 36.4 | 508 | 350 | 1.69 | 86.4 | 63.1 |
| 316 | 90 | 1.36 | 69.4 | 50.6 | 367 | 100 | 1.15 | 58.6 | 42.8 | 509 | 170 | 1.15 | 58.7 | 42.8 |
| 317 | 90 | 1.53 | 78.1 | 57.0 | 368 | 220 | 1.22 | 62.5 | 45.6 | 510 | 0 | 1.56 | 79.6 | 58.1 |
| 318 | 90 | 1.54 | 78.5 | 57.3 | 369 | 230 | 1.07 | 54.3 | 39.7 | 511 | 180 | 1.97 | 100.4 | 73.3 |
| 319 | 260 | 1.82 | 92.7 | 67.7 | 370 | 220 | 1.04 | 52.8 | 38.6 | 512 | 180 | 1.81 | 92.1 | 67.3 |
| 320 | 260 | 1.86 | 94.9 | 69.3 | 371 | 220 | 1.13 | 57.8 | 42.2 | 513 | 0 | 1.63 | 83.0 | 60.6 |
| 321 | 260 | 1.38 | 70.6 | 51.5 | 372 | 220 | 1.15 | 58.8 | 43.0 | 514 | 350 | 1.54 | 78.4 | 57.2 |
| 322 | 90 | 1.36 | 69.5 | 50.7 | 373 | 30 | 1.04 | 53.1 | 38.7 | 515 | 350 | 1.26 | 64.3 | 46.9 |
| 323 | 90 | 1.88 | 96.1 | 70.1 | 374 | 260 | 2.07 | 105.5 | 77.0 | 516 | 180 | 1.25 | 63.8 | 46.5 |
| 324 | 100 | 1.95 | 99.5 | 72.6 | 375 | 260 | 1.93 | 98.6 | 71.9 | 517 | 180 | 1.83 | 93.2 | 68.1 |
| 325 | 260 | 1.77 | 90.1 | 65.7 | 376 | 260 | 1.48 | 75.6 | 55.2 | 518 | 180 | 1.56 | 79.8 | 58.3 |
| 326 | 260 | 1.66 | 84.6 | 61.8 | 377 | 40 | 1.08 | 55.3 | 40.3 | 519 | 350 | 2.06 | 105.2 | 76.8 |
| 327 | 260 | 1.78 | 90.9 | 66.4 | 378 | 100 | 1.36 | 69.4 | 50.7 | 520 | 350 | 1.78 | 90.8 | 66.3 |
| 328 | 260 | 1.78 | 91.0 | 66.4 | 379 | 100 | 1.88 | 95.9 | 70.0 | 521 | 0 | 1.57 | 80.2 | 58.6 |
| 329 | 270 | 1.86 | 95.1 | 69.4 | 380 | 260 | 1.58 | 80.7 | 58.9 | 522 | 180 | 1.35 | 68.6 | 50.1 |
| 330 | 270 | 2.03 | 103.6 | 75.6 | 381 | 260 | 1.40 | 71.3 | 52.0 | 523 | 180 | 1.67 | 85.2 | 62.2 |
| 331 | 270 | 1.63 | 83.3 | 60.8 | 382 | 280 | 1.11 | 56.7 | 41.4 | 524 | 180 | 1.67 | 84.9 | 62.0 |
| 332 | 100 | 1.23 | 63.0 | 46.0 | 383 | 20 | 1.25 | 63.8 | 46.6 | 525 | 180 | 1.76 | 89.5 | 65.3 |
| 333 | 90 | 2.01 | 102.6 | 74.9 | 384 | 270 | 1.25 | 63.8 | 46.6 | 526 | 180 | 1.72 | 87.8 | 64.1 |
| 334 | 90 | 1.66 | 84.7 | 61.8 | 385 | 50 | 1.28 | 65.4 | 47.7 | 527 | 180 | 1.54 | 78.6 | 57.4 |
| 336 | 90 | 1.37 | 69.7 | 50.9 | 386 | 30 | 1.27 | 64.9 | 47.4 | 528 | 180 | 1.60 | 81.7 | 59.6 |
| 337 | 90 | 1.53 | 78.1 | 57.0 | 387 | 60 | 1.27 | 64.9 | 47.4 | 529 | 0 | 1.45 | 73.9 | 54.0 |
| 338 | 210 | 1.04 | 52.9 | 38.6 | 388 | 280 | 1.00 | 51.3 | 37.4 | 530 | 0 | 1.44 | 73.3 | 53.5 |
| 339 | 230 | 1.19 | 60.6 | 44.2 | 389 | 280 | 1.01 | 51.4 | 37.5 | 531 | 0 | 1.23 | 62.8 | 45.8 |
| 340 | 210 | 1.04 | 53.2 | 38.9 | 390 | 280 | 1.08 | 55.0 | 40.2 | 532 | 0 | 1.51 | 76.9 | 56.1 |
| 341 | 210 | 1.02 | 52.1 | 38.0 | 391 | 50 | 1.00 | 50.8 | 37.1 | 533 | 170 | 1.52 | 77.5 | 56.6 |
| 342 | 280 | 1.01 | 51.4 | 37.5 | 392 | 90 | 1.37 | 69.7 | 50.9 | 534 | 180 | 1.77 | 90.2 | 65.8 |
| 343 | 30 | .94 | 48.1 | 35.1 | 393 | 90 | 1.48 | 75.4 | 55.0 | 535 | 180 | 2.02 | 103.1 | 75.3 |

TABLE 6 -- CLADDING AND GLASS LOADS-- CONFIGURATION A -- QUAD BLOCK BUILDING -- TAMPA , FLORIDA
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN), PEAK LOAD AND GLASS LOAD (1 MINUTE EQUIVALENT)
REFERENCE PRESSURE = 51. PSF GLASS LOAD FACTOR= .730

| TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) |
|---|---|---|---|---|
| 536 | 0 | .99 | 50.3 | 36.7 |
| 537 | 0 | 1.31 | 66.7 | 48.7 |
| 538 | 190 | 1.23 | 62.6 | 45.7 |
| 539 | 240 | .99 | 50.7 | 37.0 |
| 540 | 160 | 1.07 | 54.3 | 39.7 |
| 541 | 200 | 1.01 | 51.6 | 37.7 |
| 542 | 200 | 1.09 | 55.4 | 40.4 |
| 543 | 190 | .91 | 46.5 | 33.9 |
| 544 | 200 | 1.01 | 51.5 | 37.6 |
| 545 | 160 | .81 | 41.5 | 30.3 |
| 546 | 190 | .84 | 42.9 | 31.3 |
| 547 | 160 | .95 | 48.3 | 35.2 |
| 548 | 80 | .96 | 48.8 | 35.7 |
| 549 | 10 | 1.95 | 99.4 | 72.6 |
| 550 | 350 | 1.49 | 75.9 | 55.4 |
| 551 | 10 | 1.32 | 67.4 | 49.2 |
| 552 | 180 | 1.60 | 81.5 | 59.5 |
| 553 | 170 | 1.49 | 76.1 | 55.5 |
| 554 | 180 | 1.90 | 96.7 | 70.6 |
| 555 | 180 | 1.56 | 79.3 | 57.9 |
| 556 | 190 | 1.91 | 97.2 | 71.0 |
| 557 | 0 | 1.11 | 56.5 | 41.3 |
| 558 | 350 | .96 | 49.1 | 35.8 |
| 559 | 20 | 1.17 | 59.8 | 43.6 |
| 560 | 20 | 1.44 | 73.7 | 53.8 |
| 561 | 180 | 1.21 | 61.9 | 45.2 |
| 562 | 180 | 1.31 | 66.9 | 48.9 |
| 563 | 0 | 1.05 | 53.6 | 39.1 |
| 564 | 10 | .86 | 44.1 | 32.2 |
| 565 | 20 | .98 | 50.1 | 36.6 |
| 566 | 270 | .96 | 48.8 | 35.6 |
| 567 | 180 | 1.00 | 50.9 | 37.2 |
| 568 | 170 | 1.21 | 61.8 | 45.1 |
| 569 | 180 | 1.33 | 67.9 | 49.6 |
| 570 | 50 | 1.01 | 51.5 | 37.6 |
| 571 | 30 | 1.05 | 53.3 | 38.9 |
| 572 | 190 | 1.00 | 51.1 | 37.3 |
| 573 | 190 | .95 | 48.3 | 35.2 |
| 574 | 60 | 1.11 | 56.4 | 41.2 |
| 575 | 190 | 1.00 | 50.9 | 37.2 |
| 576 | 200 | .99 | 50.6 | 36.9 |
| 577 | 10 | 1.65 | 84.3 | 61.5 |
| 578 | 40 | 1.19 | 60.7 | 44.3 |
| 579 | 20 | 1.17 | 59.9 | 43.7 |
| 580 | 30 | 1.52 | 77.7 | 56.7 |
| 581 | 160 | 1.61 | 82.1 | 60.0 |
| 582 | 160 | 1.70 | 86.7 | 63.3 |
| 583 | 180 | 1.30 | 66.5 | 48.5 |
| 584 | 180 | 1.70 | 86.6 | 63.2 |
| 585 | 150 | 1.35 | 69.0 | 50.4 |
| 586 | 40 | 1.02 | 51.8 | 37.8 |
| 587 | 40 | 1.68 | 85.4 | 62.4 |
| 588 | 40 | 1.03 | 52.4 | 38.2 |
| 589 | 170 | 1.14 | 58.2 | 42.5 |
| 590 | 50 | 1.23 | 62.7 | 45.8 |
| 591 | 30 | 1.29 | 66.0 | 48.2 |
| 592 | 30 | 1.13 | 57.6 | 42.0 |
| 593 | 70 | 1.03 | 52.4 | 38.2 |
| 594 | 40 | 1.06 | 53.9 | 39.3 |
| 595 | 170 | 1.40 | 71.5 | 52.2 |
| 596 | 170 | 1.61 | 82.0 | 59.9 |
| 597 | 280 | 1.12 | 56.9 | 41.6 |
| 598 | 270 | 1.44 | 73.7 | 53.8 |
| 599 | 280 | 1.03 | 52.7 | 38.4 |
| 600 | 270 | 1.12 | 57.0 | 41.6 |
| 701 | 250 | 1.22 | 62.0 | 45.2 |
| 702 | 80 | 2.17 | 110.5 | 80.7 |
| 703 | 0 | 1.83 | 93.2 | 68.1 |
| 704 | 0 | 2.11 | 107.6 | 78.6 |
| 705 | 80 | 2.35 | 119.9 | 87.5 |
| 706 | 100 | 2.06 | 104.9 | 76.6 |
| 707 | 350 | 2.08 | 105.9 | 77.3 |
| 708 | 270 | 2.01 | 102.4 | 74.7 |
| 709 | 270 | 2.20 | 112.0 | 81.7 |
| 710 | 270 | 1.45 | 73.9 | 54.0 |
| 711 | 150 | 1.84 | 93.7 | 68.4 |
| 712 | 240 | 1.96 | 99.9 | 73.0 |
| 713 | 220 | 1.52 | 77.7 | 56.7 |
| 714 | 160 | 1.05 | 53.5 | 39.1 |
| 715 | 340 | 1.16 | 59.2 | 43.2 |
| 716 | 110 | 1.25 | 63.8 | 46.6 |
| 717 | 270 | 2.11 | 107.6 | 78.5 |
| 718 | 250 | 2.21 | 112.5 | 82.1 |
| 719 | 250 | 2.43 | 123.8 | 90.4 |
| 720 | 260 | 2.16 | 110.1 | 80.4 |
| 721 | 270 | 1.68 | 85.7 | 62.6 |
| 722 | 170 | 1.96 | 100.2 | 73.2 |
| 723 | 170 | 1.33 | 68.0 | 49.6 |
| 724 | 170 | 1.75 | 89.0 | 65.0 |
| 725 | 100 | 1.76 | 89.6 | 65.4 |
| 726 | 100 | 1.69 | 86.2 | 62.9 |
| 727 | 90 | 1.68 | 85.8 | 62.7 |
| 728 | 260 | 1.17 | 59.5 | 43.5 |
| 729 | 190 | .90 | 46.0 | 33.5 |
| 730 | 190 | 2.34 | 119.1 | 87.0 |
| 731 | 260 | 1.15 | 58.5 | 42.7 |
| 732 | 280 | 1.05 | 53.6 | 39.1 |
| 733 | 30 | 1.41 | 71.8 | 52.4 |
| 734 | 100 | 1.42 | 72.4 | 52.9 |
| 735 | 270 | 1.14 | 58.0 | 42.3 |
| 736 | 70 | 1.45 | 73.7 | 53.8 |
| 901 | 170 | 1.08 | 55.0 | 40.2 |
| 902 | 30 | .95 | 48.5 | 35.4 |
| 903 | 270 | 1.01 | 51.5 | 37.6 |
| 904 | 340 | .90 | 46.1 | 33.7 |
| 905 | 330 | 1.02 | 52.0 | 38.0 |
| 906 | 280 | 1.19 | 60.9 | 44.5 |
| 907 | 300 | 1.19 | 60.7 | 44.3 |
| 908 | 110 | .84 | 42.6 | 31.1 |
| 909 | 100 | 1.02 | 51.8 | 37.8 |
| 910 | 100 | .97 | 49.7 | 36.3 |
| 911 | 10 | 1.15 | 58.8 | 42.9 |
| 912 | 10 | 1.17 | 59.8 | 43.6 |
| 913 | 180 | 1.23 | 62.6 | 45.7 |
| 914 | 50 | 1.31 | 66.8 | 48.7 |
| 915 | 50 | 1.28 | 65.4 | 47.7 |
| 916 | 50 | 1.26 | 64.4 | 47.0 |
| 917 | 270 | 1.35 | 69.0 | 50.3 |
| 918 | 90 | 1.39 | 71.1 | 51.9 |
| 919 | 90 | 1.41 | 71.8 | 52.4 |
| 920 | 0 | 1.61 | 82.0 | 59.9 |
| 921 | 0 | 1.71 | 87.3 | 63.7 |
| 922 | 0 | 1.55 | 79.0 | 57.7 |
| 923 | 70 | 1.34 | 68.4 | 50.0 |
| 924 | 80 | 1.24 | 63.2 | 46.1 |
| 925 | 10 | 1.18 | 60.2 | 44.0 |
| 926 | 270 | 1.65 | 84.4 | 61.6 |
| 927 | 90 | 1.45 | 74.2 | 54.2 |
| 928 | 90 | 1.54 | 78.4 | 57.3 |
| 929 | 270 | .98 | 49.9 | 36.4 |
| 930 | 260 | .99 | 50.4 | 36.8 |
| 931 | 270 | .97 | 49.3 | 36.0 |
| 932 | 260 | 1.19 | 60.9 | 44.5 |
| 933 | 270 | 1.02 | 51.9 | 37.9 |
| 934 | 90 | 1.26 | 64.3 | 46.9 |
| 935 | 90 | 1.39 | 70.9 | 51.7 |
| 936 | 260 | 1.22 | 62.0 | 45.2 |
| 937 | 90 | 1.21 | 62.0 | 45.2 |
| 938 | 90 | 1.20 | 61.1 | 44.6 |
| 939 | 90 | 1.29 | 65.7 | 48.0 |
| 940 | 50 | 1.48 | 75.5 | 55.1 |
| 941 | 0 | 1.11 | 56.6 | 41.3 |
| 942 | 90 | 1.18 | 60.2 | 43.9 |

TABLE 6 -- CLADDING AND GLASS LOADS-- CONFIGURATION B -- QUAD BLOCK BUILDING -- TAMPA , FLORIDA
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN), PEAK LOAD AND GLASS LOAD (1 MINUTE EQUIVALENT)
REFERENCE PRESSURE = 51. PSF GLASS LOAD FACTOR= .730

| TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) | TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) | TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 101 | 240 | 1.14 | 58.1 | 42.4 | 151 | 220 | .92 | 46.9 | 34.3 | 223 | 0 | 1.64 | 83.5 | 61.0 |
| 102 | 260 | 1.12 | 56.9 | 41.6 | 152 | 200 | 1.48 | 75.5 | 55.1 | 224 | 0 | 2.07 | 105.4 | 76.9 |
| 103 | 260 | 1.26 | 64.2 | 46.8 | 153 | 280 | 1.08 | 55.2 | 40.3 | 225 | 180 | 1.47 | 75.0 | 54.7 |
| 104 | 280 | 1.22 | 62.0 | 45.2 | 154 | 280 | .96 | 48.8 | 35.6 | 226 | 180 | 1.37 | 70.0 | 51.1 |
| 105 | 280 | 1.35 | 68.8 | 50.3 | 155 | 260 | 1.10 | 56.3 | 41.1 | 227 | 180 | 1.55 | 78.8 | 57.5 |
| 106 | 280 | 2.37 | 120.9 | 88.2 | 156 | 280 | .91 | 46.6 | 34.0 | 228 | 0 | 1.44 | 73.2 | 53.4 |
| 107 | 240 | 1.29 | 66.0 | 48.2 | 157 | 180 | 1.10 | 56.2 | 41.0 | 229 | 0 | 1.58 | 80.7 | 58.9 |
| 108 | 240 | 1.11 | 56.6 | 41.3 | 158 | 180 | 1.18 | 60.4 | 44.1 | 230 | 0 | 1.59 | 81.0 | 59.1 |
| 109 | 260 | 1.16 | 59.2 | 43.2 | 159 | 240 | 1.19 | 60.6 | 44.3 | 231 | 180 | 2.25 | 114.7 | 83.7 |
| 110 | 260 | 1.04 | 52.8 | 38.6 | 160 | 200 | .84 | 42.9 | 31.3 | 232 | 180 | 1.51 | 77.2 | 56.3 |
| 111 | 280 | 1.98 | 101.1 | 73.8 | 161 | 260 | .89 | 45.6 | 33.3 | 233 | 180 | 1.29 | 66.0 | 48.2 |
| 112 | 280 | 2.12 | 108.0 | 78.8 | 162 | 200 | .95 | 48.6 | 35.5 | 234 | 220 | 1.21 | 61.5 | 44.9 |
| 113 | 260 | 1.53 | 77.8 | 56.8 | 163 | 200 | 1.17 | 59.9 | 43.7 | 235 | 340 | 1.19 | 60.7 | 44.3 |
| 114 | 260 | 1.25 | 63.9 | 46.6 | 164 | 200 | 1.40 | 71.2 | 51.9 | 236 | 340 | 1.47 | 75.0 | 54.7 |
| 115 | 260 | 1.19 | 60.8 | 44.4 | 165 | 200 | .79 | 40.4 | 29.5 | 237 | 0 | 1.63 | 83.4 | 60.9 |
| 116 | 280 | 1.22 | 62.3 | 45.5 | 166 | 200 | 1.00 | 51.0 | 37.2 | 238 | 340 | 1.42 | 72.3 | 52.8 |
| 117 | 300 | 1.62 | 82.6 | 60.3 | 167 | 200 | .64 | 32.6 | 23.8 | 239 | 200 | 1.70 | 86.8 | 63.3 |
| 118 | 300 | 1.61 | 82.1 | 59.9 | 168 | 200 | .93 | 47.6 | 34.7 | 240 | 200 | 1.49 | 76.1 | 55.5 |
| 119 | 260 | 1.31 | 67.0 | 48.9 | 169 | 200 | .97 | 49.4 | 36.1 | 241 | 220 | 1.36 | 69.1 | 50.5 |
| 120 | 260 | 1.21 | 61.7 | 45.0 | 170 | 200 | 1.16 | 58.9 | 43.0 | 242 | 200 | 1.32 | 67.2 | 49.1 |
| 121 | 280 | 1.09 | 55.4 | 40.5 | 171 | 200 | 1.17 | 59.6 | 43.5 | 243 | 220 | .84 | 42.6 | 31.1 |
| 122 | 280 | 1.30 | 66.5 | 48.5 | 172 | 200 | 1.15 | 58.4 | 42.7 | 244 | 280 | 1.03 | 52.6 | 38.4 |
| 123 | 280 | 1.55 | 79.1 | 57.7 | 173 | 200 | .92 | 46.7 | 34.1 | 245 | 340 | .94 | 48.1 | 35.1 |
| 124 | 280 | 1.67 | 85.0 | 62.1 | 174 | 200 | 1.09 | 55.7 | 40.6 | 246 | 340 | 1.05 | 53.6 | 39.2 |
| 125 | 260 | 1.12 | 57.3 | 41.8 | 175 | 200 | .94 | 47.8 | 34.9 | 247 | 280 | .91 | 46.4 | 33.9 |
| 126 | 260 | .93 | 47.5 | 34.7 | 176 | 200 | .96 | 49.1 | 35.9 | 248 | 280 | .84 | 42.9 | 31.3 |
| 127 | 220 | 1.31 | 66.8 | 48.7 | 177 | 180 | .78 | 39.8 | 29.0 | 249 | 340 | .95 | 48.5 | 35.4 |
| 128 | 260 | 1.44 | 73.5 | 53.7 | 178 | 200 | .94 | 47.9 | 34.9 | 250 | 200 | 1.65 | 84.3 | 61.5 |
| 129 | 280 | 1.68 | 85.9 | 62.7 | 201 | 180 | 1.76 | 90.0 | 65.7 | 251 | 260 | 1.20 | 61.2 | 44.6 |
| 130 | 280 | 1.76 | 89.9 | 65.7 | 202 | 180 | 1.04 | 53.0 | 38.7 | 252 | 260 | 1.18 | 60.3 | 44.0 |
| 131 | 260 | 1.72 | 87.6 | 64.0 | 203 | 0 | 1.17 | 59.6 | 43.5 | 253 | 200 | 1.17 | 59.9 | 43.7 |
| 132 | 260 | 1.74 | 88.5 | 64.6 | 204 | 180 | 1.20 | 61.0 | 44.5 | 254 | 220 | .92 | 46.8 | 34.1 |
| 133 | 260 | .77 | 39.3 | 28.7 | 205 | 0 | 1.20 | 61.3 | 44.8 | 255 | 200 | 1.08 | 55.3 | 40.4 |
| 134 | 200 | .65 | 33.1 | 24.2 | 206 | 0 | 1.78 | 90.7 | 66.2 | 256 | 220 | 1.19 | 60.8 | 44.4 |
| 135 | 240 | .68 | 34.6 | 25.2 | 207 | 180 | 1.23 | 63.0 | 46.0 | 257 | 220 | 1.05 | 53.6 | 39.2 |
| 136 | 200 | .87 | 44.2 | 32.3 | 208 | 180 | 1.21 | 61.5 | 44.9 | 258 | 220 | 1.04 | 52.8 | 38.5 |
| 137 | 280 | 1.34 | 68.2 | 49.8 | 209 | 180 | 1.12 | 57.1 | 41.6 | 259 | 280 | .88 | 45.1 | 32.9 |
| 138 | 280 | 1.51 | 77.2 | 56.4 | 210 | 0 | 1.11 | 56.7 | 41.4 | 260 | 280 | .87 | 44.5 | 32.5 |
| 139 | 220 | .96 | 49.0 | 35.8 | 211 | 0 | 1.71 | 87.3 | 63.7 | 261 | 0 | .79 | 40.4 | 29.5 |
| 140 | 220 | 1.46 | 74.4 | 54.3 | 212 | 0 | 2.16 | 110.3 | 80.5 | 262 | 220 | 1.17 | 59.4 | 43.4 |
| 141 | 280 | .55 | 28.2 | 20.6 | 213 | 0 | 1.24 | 63.2 | 46.1 | 263 | 220 | 1.19 | 60.8 | 44.4 |
| 142 | 240 | .47 | 24.1 | 17.6 | 214 | 340 | 1.07 | 54.5 | 39.8 | 264 | 240 | 1.12 | 57.2 | 41.7 |
| 143 | 220 | .43 | 21.9 | 16.0 | 215 | 0 | 1.26 | 64.2 | 46.8 | 265 | 220 | .99 | 50.5 | 36.9 |
| 144 | 200 | .59 | 30.1 | 22.0 | 216 | 0 | 1.30 | 66.1 | 48.2 | 266 | 240 | .98 | 50.2 | 36.6 |
| 145 | 220 | 1.14 | 58.0 | 42.4 | 217 | 0 | 1.76 | 89.9 | 65.6 | 267 | 220 | 1.11 | 56.8 | 41.5 |
| 146 | 220 | 1.45 | 74.2 | 54.2 | 218 | 180 | 1.28 | 65.4 | 47.8 | 268 | 220 | 1.12 | 57.1 | 41.6 |
| 147 | 280 | .64 | 32.8 | 23.9 | 219 | 340 | 1.33 | 68.0 | 49.7 | 269 | 240 | 1.30 | 66.2 | 48.3 |
| 148 | 280 | .51 | 26.0 | 19.0 | 220 | 180 | 1.33 | 67.7 | 49.4 | 270 | 240 | 1.28 | 65.5 | 47.8 |
| 149 | 340 | .59 | 30.0 | 21.9 | 221 | 0 | 1.20 | 61.1 | 44.6 | 271 | 280 | .91 | 46.2 | 33.7 |
| 150 | 0 | .59 | 30.3 | 22.1 | 222 | 0 | 1.65 | 84.0 | 61.3 | 272 | 220 | .79 | 40.1 | 29.3 |

TABLE 6 -- CLADDING AND GLASS LOADS-- CONFIGURATION B -- QUAD BLOCK BUILDING -- TAMPA , FLORIDA
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN), PEAK LOAD AND GLASS LOAD (1 MINUTE EQUIVALENT)
REFERENCE PRESSURE = 51. PSF GLASS LOAD FACTOR= 730

| TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) | TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) | TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 273 | 280 | 1.05 | 53.3 | 38.9 | 344 | 280 | 1.04 | 53.0 | 38.7 | 394 | 280 | 1.19 | 60.9 | 44.4 |
| 274 | 280 | 1.01 | 51.5 | 37.6 | 345 | 280 | .93 | 47.6 | 34.8 | 395 | 280 | .98 | 50.1 | 36.6 |
| 275 | 240 | 1.02 | 52.0 | 38.0 | 346 | 280 | 1.03 | 52.4 | 38.3 | 396 | 240 | .74 | 38.0 | 27.7 |
| 276 | 220 | 1.26 | 64.3 | 47.0 | 347 | 260 | 2.06 | 104.8 | 76.5 | 397 | 340 | .85 | 43.5 | 31.7 |
| 277 | 240 | .71 | 36.4 | 26.6 | 348 | 260 | 1.77 | 90.5 | 66.1 | 398 | 300 | .79 | 40.1 | 29.3 |
| 278 | 300 | .80 | 40.6 | 29.6 | 349 | 260 | 1.99 | 101.3 | 74.0 | 399 | 280 | .70 | 35.5 | 26.0 |
| 279 | 280 | .86 | 44.0 | 32.1 | 350 | 260 | 1.15 | 58.5 | 42.7 | 400 | 300 | .55 | 28.2 | 20.6 |
| 280 | 340 | .92 | 47.0 | 34.3 | 351 | 260 | .99 | 50.4 | 36.8 | 401 | 300 | .66 | 33.9 | 24.7 |
| 301 | 260 | 2.07 | 105.6 | 77.1 | 352 | 280 | 1.01 | 51.5 | 37.6 | 402 | 240 | .68 | 34.8 | 25.4 |
| 302 | 260 | 1.43 | 73.2 | 53.4 | 353 | 260 | 2.15 | 109.4 | 79.9 | 403 | 300 | .92 | 46.9 | 34.2 |
| 303 | 260 | 1.05 | 53.4 | 39.0 | 354 | 260 | 1.86 | 94.6 | 69.1 | 404 | 200 | .60 | 30.8 | 22.5 |
| 304 | 280 | .97 | 49.5 | 36.1 | 355 | 260 | 1.34 | 68.4 | 49.9 | 405 | 340 | .67 | 34.2 | 25.0 |
| 305 | 280 | 1.04 | 52.9 | 38.6 | 356 | 260 | 1.49 | 75.9 | 55.4 | 406 | 340 | .53 | 27.3 | 19.9 |
| 306 | 280 | 1.09 | 55.6 | 40.6 | 357 | 260 | 1.01 | 51.4 | 37.5 | 407 | 320 | .81 | 41.2 | 30.1 |
| 307 | 260 | 2.08 | 106.1 | 77.4 | 358 | 280 | .87 | 44.2 | 32.2 | 408 | 320 | .76 | 38.6 | 28.2 |
| 308 | 260 | 1.98 | 101.1 | 73.8 | 359 | 0 | .98 | 50.1 | 36.6 | 501 | 340 | 1.87 | 95.6 | 69.8 |
| 309 | 260 | 1.08 | 55.3 | 40.4 | 360 | 0 | .87 | 44.1 | 32.2 | 502 | 0 | 1.14 | 58.1 | 42.4 |
| 310 | 280 | 1.05 | 53.5 | 39.0 | 361 | 260 | 1.27 | 64.6 | 47.2 | 503 | 0 | 1.11 | 56.6 | 41.3 |
| 311 | 280 | .86 | 43.7 | 31.9 | 362 | 260 | 1.32 | 67.4 | 49.2 | 504 | 0 | 1.17 | 59.6 | 43.5 |
| 312 | 280 | .92 | 46.8 | 34.2 | 363 | 280 | .92 | 47.1 | 34.4 | 505 | 180 | 1.30 | 66.6 | 48.6 |
| 313 | 260 | 1.58 | 80.7 | 58.9 | 364 | 180 | .85 | 43.4 | 31.7 | 506 | 180 | 1.97 | 100.5 | 73.4 |
| 314 | 260 | 1.59 | 81.2 | 59.2 | 365 | 220 | .87 | 44.3 | 32.4 | 507 | 340 | 2.03 | 103.7 | 75.7 |
| 315 | 260 | 1.29 | 65.9 | 48.1 | 366 | 220 | .85 | 43.3 | 31.6 | 508 | 340 | 1.75 | 89.3 | 65.2 |
| 316 | 260 | 1.04 | 53.0 | 38.7 | 367 | 220 | 1.00 | 51.0 | 37.2 | 509 | 0 | 1.19 | 60.6 | 44.3 |
| 317 | 280 | 1.17 | 59.6 | 43.5 | 368 | 220 | 1.12 | 57.4 | 41.9 | 510 | 0 | 1.26 | 64.5 | 47.1 |
| 318 | 280 | 1.30 | 66.5 | 48.5 | 369 | 220 | 1.15 | 58.4 | 42.6 | 511 | 180 | 1.97 | 100.6 | 73.4 |
| 319 | 260 | 1.94 | 99.1 | 72.3 | 370 | 220 | 1.04 | 53.2 | 38.9 | 512 | 180 | 1.86 | 94.8 | 69.2 |
| 320 | 260 | 1.84 | 93.6 | 68.3 | 371 | 220 | 1.13 | 57.8 | 42.2 | 513 | 340 | 1.54 | 78.6 | 57.4 |
| 321 | 260 | 1.69 | 86.2 | 62.9 | 372 | 220 | 1.30 | 66.3 | 48.4 | 514 | 340 | 1.38 | 70.2 | 51.3 |
| 322 | 260 | 1.13 | 57.4 | 41.9 | 373 | 220 | 1.02 | 52.1 | 38.1 | 515 | 0 | 1.16 | 59.3 | 43.3 |
| 323 | 280 | .95 | 48.3 | 35.2 | 374 | 280 | 1.64 | 83.5 | 60.9 | 516 | 180 | 1.14 | 57.9 | 42.3 |
| 324 | 280 | 1.27 | 64.8 | 47.3 | 375 | 280 | 2.03 | 103.3 | 75.4 | 517 | 180 | 1.61 | 81.9 | 59.8 |
| 325 | 260 | 1.63 | 83.1 | 60.7 | 376 | 280 | 1.41 | 71.9 | 52.5 | 518 | 180 | 1.47 | 74.8 | 54.6 |
| 326 | 260 | 1.59 | 81.0 | 59.1 | 377 | 0 | .87 | 44.1 | 32.2 | 519 | 0 | 2.08 | 106.1 | 77.5 |
| 327 | 260 | 1.72 | 87.6 | 63.9 | 378 | 0 | .89 | 45.6 | 33.3 | 520 | 0 | 1.57 | 80.1 | 58.5 |
| 328 | 260 | 1.71 | 87.1 | 63.6 | 379 | 0 | 1.10 | 56.1 | 41.0 | 521 | 0 | 1.24 | 63.3 | 46.2 |
| 329 | 260 | 2.03 | 103.7 | 75.7 | 380 | 280 | 1.43 | 73.1 | 53.4 | 522 | 180 | 1.46 | 74.6 | 54.5 |
| 330 | 260 | 1.61 | 81.9 | 59.8 | 381 | 280 | 1.32 | 67.3 | 49.1 | 523 | 180 | 1.69 | 86.3 | 63.0 |
| 331 | 260 | 1.35 | 68.7 | 50.1 | 382 | 280 | 1.19 | 60.8 | 44.4 | 524 | 180 | 1.63 | 83.2 | 60.8 |
| 332 | 260 | .91 | 46.5 | 34.0 | 383 | 280 | 1.05 | 53.4 | 39.0 | 525 | 180 | 1.65 | 84.0 | 61.3 |
| 333 | 240 | .82 | 41.8 | 30.5 | 384 | 280 | .97 | 49.4 | 36.0 | 526 | 180 | 1.74 | 88.8 | 64.8 |
| 334 | 280 | .90 | 46.1 | 33.6 | 385 | 280 | .90 | 45.6 | 33.3 | 527 | 180 | 1.90 | 97.1 | 70.9 |
| 336 | 260 | 1.42 | 72.4 | 52.9 | 386 | 0 | .78 | 39.6 | 28.9 | 528 | 180 | 1.97 | 100.6 | 73.5 |
| 337 | 180 | .94 | 47.9 | 35.0 | 387 | 280 | 1.03 | 52.8 | 38.5 | 529 | 0 | 1.38 | 70.3 | 51.3 |
| 338 | 200 | 1.14 | 58.3 | 42.6 | 388 | 280 | 1.67 | 85.3 | 62.3 | 530 | 0 | 1.48 | 75.3 | 55.0 |
| 339 | 220 | 1.09 | 55.4 | 40.5 | 389 | 280 | 1.74 | 88.8 | 64.8 | 531 | 0 | 1.45 | 74.1 | 54.1 |
| 340 | 220 | 1.06 | 54.0 | 39.4 | 390 | 280 | .81 | 41.2 | 30.1 | 532 | 0 | 1.39 | 71.1 | 51.9 |
| 341 | 220 | 1.07 | 54.5 | 39.8 | 391 | 180 | .88 | 44.9 | 32.7 | 533 | 180 | 1.35 | 68.9 | 50.3 |
| 342 | 220 | 1.06 | 54.1 | 39.5 | 392 | 300 | .95 | 48.5 | 35.4 | 534 | 180 | 1.85 | 94.2 | 68.7 |
| 343 | 280 | .88 | 44.8 | 32.7 | 393 | 300 | .99 | 50.6 | 37.0 | 535 | 180 | 2.04 | 103.9 | 75.8 |

TABLE 6 -- CLADDING AND GLASS LOADS-- CONFIGURATION B -- QUAD BLOCK BUILDING -- TAMPA , FLORIDA
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN), PEAK LOAD AND GLASS LOAD (1 MINUTE EQUIVALENT)
REFERENCE PRESSURE = 51. PSF GLASS LOAD FACTOR= 730

| TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) |
|---|---|---|---|---|
| 536 | 0 | 1.08 | 55.0 | 40.1 |
| 537 | 0 | 1.44 | 73.7 | 53.8 |
| 538 | 200 | 1.12 | 57.2 | 41.8 |
| 539 | 180 | 1.09 | 55.3 | 40.4 |
| 540 | 180 | .90 | 46.1 | 33.7 |
| 541 | 220 | .83 | 42.6 | 31.1 |
| 542 | 220 | .92 | 47.1 | 34.4 |
| 543 | 200 | .85 | 43.3 | 31.6 |
| 544 | 200 | .88 | 44.9 | 32.8 |
| 545 | 200 | .74 | 37.5 | 27.4 |
| 546 | 200 | .73 | 37.4 | 27.3 |
| 547 | 180 | .60 | 30.5 | 22.3 |
| 548 | 180 | .72 | 37.0 | 27.0 |
| 549 | 0 | 1.81 | 92.5 | 67.5 |
| 550 | 0 | 1.52 | 77.6 | 56.7 |
| 551 | 0 | 1.10 | 56.2 | 41.0 |
| 552 | 180 | 1.53 | 78.1 | 57.0 |
| 553 | 180 | 1.21 | 61.8 | 45.1 |
| 554 | 180 | 1.72 | 87.6 | 63.9 |
| 555 | 180 | 1.64 | 83.5 | 61.0 |
| 556 | 180 | 2.20 | 112.0 | 81.8 |
| 557 | 0 | 1.19 | 60.5 | 44.2 |
| 558 | 0 | 1.08 | 55.3 | 40.4 |
| 559 | 280 | .81 | 41.5 | 30.3 |
| 560 | 180 | 1.08 | 55.1 | 40.2 |
| 561 | 180 | 1.25 | 63.8 | 46.6 |
| 562 | 180 | 1.25 | 63.5 | 46.4 |
| 563 | 0 | .81 | 41.2 | 30.1 |
| 564 | 200 | .80 | 40.7 | 29.7 |
| 565 | 0 | .91 | 46.5 | 33.9 |
| 566 | 280 | .88 | 45.0 | 32.9 |
| 567 | 180 | 1.12 | 57.3 | 41.9 |
| 568 | 180 | 1.42 | 72.6 | 53.0 |
| 569 | 180 | 1.49 | 76.2 | 55.7 |
| 570 | 200 | .94 | 48.0 | 35.1 |
| 571 | 180 | 1.06 | 54.0 | 39.4 |
| 572 | 200 | 1.06 | 54.3 | 39.6 |
| 573 | 200 | 1.02 | 51.8 | 37.8 |
| 574 | 200 | 1.11 | 56.4 | 41.2 |
| 575 | 200 | 1.15 | 58.7 | 42.8 |
| 576 | 180 | .87 | 44.4 | 32.4 |
| 577 | 340 | 1.62 | 82.6 | 60.3 |
| 578 | 300 | 1.31 | 66.6 | 48.6 |
| 579 | 260 | .83 | 42.2 | 30.8 |
| 580 | 180 | .98 | 50.0 | 36.5 |
| 581 | 180 | .94 | 48.1 | 35.1 |
| 582 | 180 | 1.19 | 60.9 | 44.5 |
| 583 | 180 | .92 | 46.7 | 34.1 |
| 584 | 180 | 1.09 | 55.6 | 40.6 |
| 585 | 0 | .91 | 46.7 | 34.1 |
| 586 | 0 | .55 | 28.1 | 20.5 |
| 587 | 0 | .33 | 16.7 | 12.2 |
| 588 | 180 | .69 | 35.0 | 25.5 |
| 589 | 180 | .82 | 41.9 | 30.6 |
| 590 | 180 | .85 | 43.5 | 31.7 |
| 591 | 180 | .62 | 31.7 | 23.1 |
| 592 | 240 | .44 | 22.3 | 16.3 |
| 593 | 280 | .56 | 28.4 | 20.7 |
| 594 | 180 | .57 | 28.9 | 21.1 |
| 595 | 180 | .99 | 50.4 | 36.8 |
| 596 | 180 | 1.17 | 59.4 | 43.4 |
| 597 | 200 | .71 | 36.3 | 26.5 |
| 598 | 340 | .70 | 35.8 | 26.1 |
| 599 | 200 | .76 | 38.8 | 28.3 |
| 600 | 280 | .83 | 42.5 | 31.0 |
| 701 | 280 | 1.25 | 63.6 | 46.4 |
| 702 | 0 | 1.61 | 81.9 | 59.8 |
| 703 | 0 | 1.44 | 73.2 | 53.4 |
| 704 | 0 | 2.20 | 112.2 | 81.9 |
| 705 | 0 | 1.74 | 88.6 | 64.7 |
| 706 | 340 | 1.09 | 55.5 | 40.5 |
| 707 | 0 | 2.12 | 108.0 | 78.8 |
| 708 | 280 | 1.73 | 88.1 | 64.3 |
| 709 | 280 | 1.88 | 95.6 | 69.8 |
| 710 | 280 | 1.35 | 68.6 | 50.1 |
| 711 | 220 | 1.60 | 81.6 | 59.6 |
| 712 | 240 | 1.63 | 83.1 | 60.7 |
| 713 | 220 | 1.19 | 60.7 | 44.3 |
| 714 | 180 | .70 | 35.7 | 26.1 |
| 715 | 180 | 1.17 | 59.8 | 43.7 |
| 716 | 200 | .97 | 49.7 | 36.3 |
| 717 | 180 | 2.07 | 105.7 | 77.2 |
| 718 | 260 | 2.02 | 103.0 | 75.2 |
| 719 | 260 | 2.45 | 125.0 | 91.2 |
| 720 | 280 | 2.60 | 132.7 | 96.8 |
| 721 | 260 | 1.89 | 96.4 | 70.4 |
| 722 | 280 | 1.70 | 86.5 | 63.2 |
| 723 | 280 | 1.08 | 55.1 | 40.2 |
| 724 | 280 | 1.40 | 71.3 | 52.0 |
| 725 | 180 | 1.32 | 67.1 | 49.0 |
| 726 | 280 | 1.70 | 86.9 | 63.4 |
| 727 | 180 | 1.28 | 65.4 | 47.7 |
| 728 | 260 | 1.15 | 58.7 | 42.8 |
| 729 | 280 | .89 | 45.5 | 33.2 |
| 730 | 200 | 2.58 | 131.4 | 95.9 |
| 731 | 340 | .92 | 46.8 | 34.2 |
| 732 | 340 | 1.01 | 51.6 | 37.7 |
| 733 | 220 | 1.24 | 63.1 | 46.0 |
| 734 | 260 | 1.13 | 57.8 | 42.2 |
| 735 | 340 | .62 | 31.8 | 23.2 |
| 736 | 240 | 1.29 | 65.6 | 47.9 |
| 901 | 280 | .86 | 43.9 | 32.1 |
| 902 | 280 | .98 | 50.2 | 36.7 |
| 903 | 280 | .88 | 44.9 | 32.7 |
| 904 | 340 | .92 | 46.9 | 34.2 |
| 905 | 280 | .81 | 41.4 | 30.3 |
| 906 | 300 | .80 | 40.9 | 29.9 |
| 907 | 300 | .78 | 39.9 | 29.1 |
| 908 | 280 | 1.17 | 59.5 | 43.4 |
| 909 | 240 | .83 | 42.4 | 30.9 |
| 910 | 260 | .96 | 48.7 | 35.6 |
| 911 | 300 | 1.08 | 55.2 | 40.3 |
| 912 | 300 | 1.07 | 54.8 | 40.0 |
| 913 | 260 | .96 | 48.8 | 35.6 |
| 914 | 0 | .91 | 46.6 | 34.0 |
| 915 | 0 | .58 | 29.8 | 21.7 |
| 916 | 260 | .61 | 31.1 | 22.7 |
| 917 | 280 | 1.01 | 51.5 | 37.6 |
| 918 | 180 | .94 | 47.9 | 35.0 |
| 919 | 180 | .91 | 46.3 | 33.8 |
| 920 | 0 | 1.45 | 73.9 | 54.0 |
| 921 | 0 | 1.93 | 98.2 | 71.7 |
| 922 | 180 | 1.55 | 79.2 | 57.8 |
| 923 | 0 | 1.12 | 57.0 | 41.6 |
| 924 | 0 | .87 | 44.6 | 32.6 |
| 925 | 0 | .92 | 46.9 | 34.2 |
| 926 | 260 | 1.53 | 77.8 | 56.8 |
| 927 | 180 | .88 | 45.0 | 32.9 |
| 928 | 180 | .98 | 49.8 | 36.4 |
| 929 | 280 | .92 | 46.9 | 34.2 |
| 930 | 260 | 1.01 | 51.7 | 37.7 |
| 931 | 260 | .99 | 50.6 | 36.9 |
| 932 | 260 | 1.03 | 52.3 | 38.2 |
| 933 | 260 | .93 | 47.4 | 34.6 |
| 934 | 260 | 1.10 | 55.9 | 40.8 |
| 935 | 0 | 1.01 | 51.4 | 37.6 |
| 936 | 260 | 1.04 | 53.2 | 38.8 |
| 937 | 260 | 1.14 | 58.1 | 42.4 |
| 938 | 0 | 1.04 | 52.8 | 38.6 |
| 939 | 280 | .86 | 43.8 | 32.0 |
| 940 | 0 | 1.19 | 60.8 | 44.4 |
| 941 | 0 | .96 | 48.9 | 35.7 |
| 942 | 180 | 1.05 | 53.4 | 39.0 |

TABLE 6 -- PEAK LOADS- CONFIGURATIONS A & B- QUAD BLOCK BUILDING -- TAMPA , FLORIDA
TAPS WHERE PEAK LOADS FOR CONFIGURATION B EXCEED THOSE FOR A BY 10.0 PSF OR MORE - REF. PRESS. = 51 PSF

| CONFIGURATION A | | | | CONFIGURATION B | | | | DIFFERENCE | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TAP | AZI-MUTH | PRESS COEFF | PSF LOAD | TAP | AZI-MUTH | PRESS COEFF | PSF LOAD | TAP | PRESS COEFF | PSF LOAD |
| 222 | 0 | 1.38 | 70.3 | 222 | 0 | 1.65 | 84.0 | 222 | .27 | 13.7 |
| 231 | 180 | 1.66 | 84.8 | 231 | 180 | 2.25 | 114.7 | 231 | .59 | 29.9 |
| 236 | 350 | 1.19 | 60.6 | 236 | 340 | 1.47 | 75.0 | 236 | .28 | 14.4 |
| 313 | 260 | 1.37 | 70.0 | 313 | 260 | 1.58 | 80.7 | 313 | .21 | 10.6 |
| 314 | 260 | 1.39 | 70.8 | 314 | 260 | 1.59 | 81.2 | 314 | .20 | 10.4 |
| 321 | 260 | 1.38 | 70.6 | 321 | 260 | 1.69 | 86.2 | 321 | .31 | 15.6 |
| 388 | 280 | 1.00 | 51.3 | 388 | 280 | 1.67 | 85.3 | 388 | .67 | 34.1 |
| 389 | 280 | 1.01 | 51.4 | 389 | 280 | 1.74 | 88.8 | 389 | .73 | 37.3 |
| 527 | 180 | 1.54 | 78.6 | 527 | 180 | 1.90 | 97.1 | 527 | .36 | 18.4 |
| 528 | 180 | 1.60 | 81.7 | 528 | 180 | 1.97 | 100.6 | 528 | .37 | 18.9 |
| 531 | 0 | 1.23 | 62.8 | 531 | 0 | 1.45 | 74.1 | 531 | .22 | 11.3 |
| 556 | 190 | 1.91 | 97.2 | 556 | 180 | 2.20 | 112.0 | 556 | .29 | 14.8 |
| 568 | 170 | 1.21 | 61.8 | 568 | 180 | 1.42 | 72.6 | 568 | .21 | 10.9 |
| 720 | 260 | 2.16 | 110.1 | 720 | 280 | 2.60 | 132.7 | 720 | .44 | 22.6 |
| 721 | 270 | 1.68 | 85.7 | 721 | 260 | 1.89 | 96.4 | 721 | .21 | 10.7 |
| 730 | 190 | 2.34 | 119.1 | 730 | 200 | 2.58 | 131.4 | 730 | .24 | 12.2 |
| 908 | 110 | .84 | 42.6 | 908 | 280 | 1.17 | 59.5 | 908 | .33 | 16.9 |
| 921 | 0 | 1.71 | 87.3 | 921 | 0 | 1.93 | 98.2 | 921 | .22 | 11.0 |

TABLE 6 -- CLADDING AND GLASS LOADS-- CONFIGURATION C -- QUAD BLOCK BUILDING -- TAMPA , FLORIDA
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN), PEAK LOAD AND GLASS LOAD (1 MINUTE EQUIVALENT)
REFERENCE PRESSURE = 51. PSF GLASS LOAD FACTOR= .730

| TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) | TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) | TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 101 | 260 | 1.17 | 59.7 | 43.6 | 151 | 160 | .82 | 41.6 | 30.4 | 223 | 180 | 1.00 | 51.2 | 37.4 |
| 102 | 260 | 1.10 | 56.2 | 41.0 | 152 | 140 | 1.16 | 59.1 | 43.2 | 224 | 180 | 1.17 | 59.8 | 43.6 |
| 103 | 260 | 1.10 | 56.0 | 40.9 | 153 | 280 | 1.17 | 59.6 | 43.5 | 225 | 180 | 2.01 | 102.7 | 75.0 |
| 104 | 260 | 1.13 | 57.5 | 41.9 | 154 | 280 | 1.12 | 57.2 | 41.8 | 226 | 180 | 1.58 | 80.5 | 58.8 |
| 105 | 280 | 1.60 | 81.6 | 59.5 | 155 | 280 | 1.24 | 63.1 | 46.0 | 227 | 200 | 1.39 | 71.1 | 51.9 |
| 106 | 280 | 2.51 | 128.2 | 93.6 | 156 | 280 | 1.01 | 51.4 | 37.5 | 228 | 200 | 1.16 | 59.3 | 43.3 |
| 107 | 260 | 1.28 | 65.1 | 47.5 | 157 | 240 | .94 | 47.7 | 34.9 | 229 | 320 | 1.01 | 51.3 | 37.4 |
| 108 | 260 | 1.07 | 54.4 | 39.7 | 158 | 260 | 1.06 | 54.3 | 39.6 | 230 | 220 | 1.05 | 53.7 | 39.2 |
| 109 | 260 | 1.26 | 64.3 | 47.0 | 159 | 260 | 1.16 | 59.2 | 43.2 | 231 | 200 | 1.51 | 77.0 | 56.2 |
| 110 | 260 | 1.28 | 65.1 | 47.5 | 160 | 200 | .89 | 45.2 | 33.0 | 232 | 180 | 1.53 | 78.2 | 57.1 |
| 111 | 280 | 1.92 | 97.8 | 71.4 | 161 | 260 | 1.05 | 53.4 | 39.0 | 233 | 260 | 1.33 | 67.9 | 49.6 |
| 112 | 280 | 2.15 | 109.5 | 80.0 | 162 | 200 | .95 | 48.5 | 35.4 | 234 | 280 | 1.32 | 67.2 | 49.0 |
| 113 | 260 | 1.49 | 76.1 | 55.6 | 163 | 200 | 1.29 | 65.6 | 47.9 | 235 | 220 | 1.04 | 53.2 | 38.8 |
| 114 | 260 | 1.21 | 61.5 | 44.9 | 164 | 200 | 1.40 | 71.6 | 52.3 | 236 | 200 | .93 | 47.5 | 34.7 |
| 115 | 260 | 1.57 | 80.0 | 58.4 | 165 | 200 | .72 | 37.0 | 27.0 | 237 | 240 | .92 | 47.1 | 34.4 |
| 116 | 280 | 1.31 | 66.7 | 48.7 | 166 | 240 | .82 | 42.0 | 30.7 | 238 | 220 | .98 | 50.0 | 36.5 |
| 117 | 280 | 1.42 | 72.4 | 52.8 | 167 | 160 | .55 | 28.2 | 20.6 | 239 | 200 | 1.52 | 77.4 | 56.5 |
| 118 | 280 | 2.32 | 118.3 | 86.4 | 168 | 200 | .85 | 43.4 | 31.7 | 240 | 200 | 1.42 | 72.4 | 52.9 |
| 119 | 260 | 1.57 | 80.1 | 58.5 | 169 | 220 | .75 | 38.3 | 27.9 | 241 | 220 | 1.74 | 88.5 | 64.6 |
| 120 | 260 | 1.34 | 68.6 | 50.1 | 170 | 220 | .90 | 46.1 | 33.7 | 242 | 220 | 1.37 | 69.9 | 51.0 |
| 121 | 260 | 1.29 | 65.8 | 48.1 | 171 | 220 | .95 | 48.3 | 35.2 | 243 | 240 | .78 | 39.7 | 29.0 |
| 122 | 280 | 1.38 | 70.2 | 51.3 | 172 | 220 | .91 | 46.3 | 33.8 | 244 | 280 | .93 | 47.6 | 34.7 |
| 123 | 280 | 1.51 | 76.9 | 56.1 | 173 | 200 | .82 | 41.8 | 30.5 | 245 | 240 | .95 | 48.3 | 35.3 |
| 124 | 280 | 1.50 | 76.6 | 55.9 | 174 | 240 | .79 | 40.2 | 29.3 | 246 | 240 | .82 | 42.0 | 30.7 |
| 125 | 220 | 1.08 | 54.9 | 40.1 | 175 | 220 | .72 | 36.6 | 26.7 | 247 | 280 | 1.01 | 51.5 | 37.6 |
| 126 | 260 | 1.08 | 55.0 | 40.2 | 176 | 240 | 1.08 | 55.2 | 40.3 | 248 | 240 | 1.05 | 53.7 | 39.2 |
| 127 | 260 | 1.33 | 67.7 | 49.4 | 177 | 280 | .68 | 34.7 | 25.3 | 249 | 280 | .94 | 48.0 | 35.0 |
| 128 | 260 | 1.40 | 71.6 | 52.3 | 178 | 200 | .79 | 40.4 | 29.5 | 250 | 220 | 1.22 | 62.4 | 45.5 |
| 129 | 280 | 2.06 | 105.0 | 76.6 | 201 | 160 | 2.04 | 103.9 | 75.9 | 251 | 240 | 1.39 | 70.8 | 51.7 |
| 130 | 280 | 2.34 | 119.5 | 87.3 | 202 | 160 | 1.11 | 56.8 | 41.5 | 252 | 240 | 1.16 | 59.4 | 43.4 |
| 131 | 260 | 1.55 | 79.1 | 57.8 | 203 | 180 | 1.07 | 54.8 | 40.0 | 253 | 220 | .91 | 46.5 | 33.9 |
| 132 | 260 | 1.70 | 86.6 | 63.2 | 204 | 180 | 1.32 | 67.2 | 49.0 | 254 | 220 | .92 | 46.8 | 34.2 |
| 133 | 120 | .83 | 42.3 | 30.9 | 205 | 180 | 1.18 | 60.2 | 44.0 | 255 | 200 | 1.38 | 70.6 | 51.6 |
| 134 | 120 | .78 | 40.0 | 29.2 | 206 | 180 | .96 | 49.1 | 35.9 | 256 | 220 | 1.15 | 58.6 | 42.8 |
| 135 | 240 | .86 | 43.9 | 32.0 | 207 | 160 | 2.15 | 109.8 | 80.1 | 257 | 220 | .95 | 48.4 | 35.3 |
| 136 | 120 | .90 | 45.8 | 33.5 | 208 | 160 | 1.90 | 96.9 | 70.7 | 258 | 220 | 1.11 | 56.6 | 41.3 |
| 137 | 280 | 1.33 | 67.8 | 49.5 | 209 | 180 | 1.00 | 51.0 | 37.2 | 259 | 240 | .82 | 41.8 | 30.5 |
| 138 | 280 | 1.55 | 79.0 | 57.7 | 210 | 180 | 1.03 | 52.7 | 38.5 | 260 | 280 | .84 | 43.0 | 31.4 |
| 139 | 120 | 1.04 | 53.3 | 38.9 | 211 | 180 | .95 | 48.3 | 35.3 | 261 | 240 | .85 | 43.6 | 31.8 |
| 140 | 280 | 1.42 | 72.6 | 53.0 | 212 | 180 | 1.11 | 56.6 | 41.3 | 262 | 220 | 1.32 | 67.3 | 49.1 |
| 141 | 120 | .85 | 43.6 | 31.8 | 213 | 160 | 1.23 | 62.7 | 45.8 | 263 | 220 | 1.24 | 63.5 | 46.3 |
| 142 | 120 | .85 | 43.5 | 31.8 | 214 | 160 | 1.48 | 75.7 | 55.2 | 264 | 220 | 1.15 | 58.8 | 42.9 |
| 143 | 160 | 1.08 | 55.1 | 40.2 | 215 | 180 | 1.08 | 55.1 | 40.2 | 265 | 200 | 1.10 | 56.1 | 40.9 |
| 144 | 140 | .95 | 48.3 | 35.3 | 216 | 180 | 1.03 | 52.7 | 38.5 | 266 | 220 | 1.06 | 54.3 | 39.6 |
| 145 | 300 | .96 | 49.1 | 35.8 | 217 | 180 | 1.28 | 65.4 | 47.7 | 267 | 240 | 1.00 | 51.0 | 37.2 |
| 146 | 140 | 1.31 | 66.6 | 48.6 | 218 | 180 | 1.12 | 57.1 | 41.7 | 268 | 220 | 1.02 | 51.8 | 37.8 |
| 147 | 120 | 1.12 | 57.1 | 41.7 | 219 | 160 | 1.33 | 68.0 | 49.6 | 269 | 240 | 1.49 | 76.1 | 55.5 |
| 148 | 120 | 1.07 | 54.5 | 39.8 | 220 | 160 | 1.39 | 71.1 | 51.9 | 270 | 240 | 1.55 | 78.8 | 57.5 |
| 149 | 120 | 1.01 | 51.6 | 37.7 | 221 | 180 | 1.07 | 54.7 | 40.0 | 271 | 240 | .92 | 47.1 | 34.4 |
| 150 | 140 | 1.19 | 60.8 | 44.4 | 222 | 200 | 1.03 | 52.6 | 38.4 | 272 | 220 | .66 | 33.9 | 24.7 |

TABLE 6 -- CLADDING AND GLASS LOADS-- CONFIGURATION C -- QUAD BLOCK BUILDING -- TAMPA , FLORIDA
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN), PEAK LOAD AND GLASS LOAD (1 MINUTE EQUIVALENT)
REFERENCE PRESSURE = 51. PSF GLASS LOAD FACTOR= .730

| TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) | TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) | TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 273 | 300 | .78 | 39.7 | 29.0 | 344 | 240 | .99 | 50.3 | 36.8 | 394 | 280 | 1.09 | 55.8 | 40.7 |
| 274 | 320 | .89 | 45.3 | 33.1 | 345 | 240 | .83 | 42.3 | 30.9 | 395 | 300 | .93 | 47.4 | 34.6 |
| 275 | 240 | 1.45 | 74.1 | 54.1 | 346 | 240 | .87 | 44.4 | 32.4 | 396 | 240 | .48 | 24.6 | 17.9 |
| 276 | 240 | 1.27 | 64.8 | 47.3 | 347 | 260 | 2.06 | 105.0 | 76.7 | 397 | 240 | 1.09 | 55.8 | 40.8 |
| 277 | 280 | .72 | 36.6 | 26.7 | 348 | 280 | 1.80 | 91.6 | 66.8 | 398 | 220 | .74 | 37.8 | 27.6 |
| 278 | 280 | .77 | 39.1 | 28.5 | 349 | 260 | 2.00 | 102.0 | 74.5 | 399 | 180 | .69 | 35.0 | 25.6 |
| 279 | 280 | .74 | 37.7 | 27.5 | 350 | 260 | .98 | 50.0 | 36.5 | 400 | 180 | .68 | 34.6 | 25.2 |
| 280 | 280 | .75 | 38.4 | 28.1 | 351 | 280 | .94 | 47.8 | 34.9 | 401 | 200 | .95 | 48.5 | 35.4 |
| 301 | 260 | 2.01 | 102.3 | 74.7 | 352 | 220 | .98 | 50.2 | 36.7 | 402 | 240 | .78 | 39.5 | 28.9 |
| 302 | 260 | 1.42 | 72.5 | 53.0 | 353 | 260 | 2.00 | 102.2 | 74.6 | 403 | 240 | .79 | 40.4 | 29.5 |
| 303 | 260 | 1.24 | 63.2 | 46.2 | 354 | 260 | 1.60 | 81.8 | 59.7 | 404 | 220 | .72 | 36.6 | 26.7 |
| 304 | 280 | 1.16 | 59.2 | 43.2 | 355 | 260 | 1.41 | 72.1 | 52.6 | 405 | 160 | .67 | 34.3 | 25.1 |
| 305 | 300 | 1.02 | 51.8 | 37.8 | 356 | 260 | 1.29 | 65.7 | 48.0 | 406 | 180 | .60 | 30.8 | 22.5 |
| 306 | 300 | 1.08 | 55.3 | 40.4 | 357 | 280 | 1.07 | 54.6 | 39.9 | 407 | 120 | .55 | 27.9 | 20.4 |
| 307 | 260 | 2.05 | 104.4 | 76.2 | 358 | 160 | .95 | 48.6 | 35.5 | 408 | 240 | .74 | 37.5 | 27.4 |
| 308 | 260 | 2.07 | 105.6 | 77.1 | 359 | 280 | .91 | 46.3 | 33.8 | 501 | 320 | 1.12 | 56.9 | 41.5 |
| 309 | 260 | 1.06 | 54.3 | 39.6 | 360 | 280 | .84 | 43.1 | 31.5 | 502 | 120 | .92 | 47.0 | 34.3 |
| 310 | 300 | .99 | 50.3 | 36.7 | 361 | 260 | 1.24 | 63.2 | 46.1 | 503 | 180 | .98 | 50.1 | 36.5 |
| 311 | 300 | 1.01 | 51.4 | 37.5 | 362 | 260 | 1.37 | 69.8 | 50.9 | 504 | 180 | .98 | 49.9 | 36.4 |
| 312 | 300 | .91 | 46.4 | 33.9 | 363 | 280 | .99 | 50.4 | 36.8 | 505 | 180 | 1.37 | 70.0 | 51.1 |
| 313 | 260 | 1.37 | 70.0 | 51.1 | 364 | 180 | .91 | 46.5 | 33.9 | 506 | 180 | 2.05 | 104.3 | 76.2 |
| 314 | 260 | 1.58 | 80.6 | 58.8 | 365 | 220 | .96 | 49.1 | 35.8 | 507 | 320 | 1.38 | 70.2 | 51.3 |
| 315 | 260 | 1.46 | 74.4 | 54.3 | 366 | 220 | .84 | 42.9 | 31.3 | 508 | 300 | 1.01 | 51.3 | 37.5 |
| 316 | 260 | 1.11 | 56.6 | 41.4 | 367 | 300 | .92 | 46.7 | 34.1 | 509 | 180 | 1.10 | 56.1 | 40.9 |
| 317 | 140 | 1.01 | 51.6 | 37.7 | 368 | 220 | 1.16 | 59.0 | 43.1 | 510 | 180 | .91 | 46.3 | 33.8 |
| 318 | 280 | 1.32 | 67.3 | 49.1 | 369 | 220 | 1.06 | 54.2 | 39.6 | 511 | 180 | 2.08 | 106.2 | 77.5 |
| 319 | 260 | 1.69 | 86.4 | 63.1 | 370 | 220 | 1.20 | 61.2 | 44.7 | 512 | 180 | 1.84 | 93.6 | 68.3 |
| 320 | 260 | 1.67 | 85.3 | 62.3 | 371 | 220 | 1.35 | 68.6 | 50.1 | 513 | 180 | 1.07 | 54.4 | 39.7 |
| 321 | 260 | 1.40 | 71.3 | 52.0 | 372 | 220 | 1.27 | 64.8 | 47.3 | 514 | 180 | .99 | 50.4 | 36.8 |
| 322 | 260 | 1.23 | 62.6 | 45.7 | 373 | 240 | 1.00 | 50.9 | 37.1 | 515 | 300 | 1.07 | 54.4 | 39.7 |
| 323 | 280 | .98 | 49.9 | 36.4 | 374 | 280 | 1.87 | 95.4 | 69.6 | 516 | 180 | 1.11 | 56.4 | 41.2 |
| 324 | 280 | 1.36 | 69.3 | 50.6 | 375 | 280 | 1.99 | 101.6 | 74.2 | 517 | 180 | 1.60 | 81.7 | 59.6 |
| 325 | 260 | 1.96 | 99.8 | 72.9 | 376 | 280 | 1.36 | 69.1 | 50.5 | 518 | 180 | 1.50 | 76.4 | 55.8 |
| 326 | 260 | 1.85 | 94.4 | 68.9 | 377 | 280 | .86 | 44.1 | 32.2 | 519 | 180 | 1.10 | 55.9 | 40.8 |
| 327 | 260 | 1.73 | 88.1 | 64.3 | 378 | 220 | .84 | 42.9 | 31.3 | 520 | 180 | 1.12 | 57.0 | 41.6 |
| 328 | 260 | 1.80 | 91.7 | 67.0 | 379 | 120 | 1.19 | 60.5 | 44.2 | 521 | 180 | 1.04 | 52.9 | 38.6 |
| 329 | 260 | 2.25 | 114.6 | 83.6 | 380 | 280 | 1.40 | 71.3 | 52.0 | 522 | 180 | 1.35 | 68.6 | 50.1 |
| 330 | 260 | 2.03 | 103.7 | 75.7 | 381 | 300 | 1.28 | 65.4 | 47.8 | 523 | 180 | 1.72 | 87.9 | 64.2 |
| 331 | 260 | 1.41 | 71.9 | 52.5 | 382 | 300 | 1.12 | 57.3 | 41.8 | 524 | 180 | 1.70 | 86.6 | 63.2 |
| 332 | 260 | .96 | 49.0 | 35.8 | 383 | 300 | 1.13 | 57.9 | 42.2 | 525 | 180 | 1.72 | 87.9 | 64.2 |
| 333 | 220 | .90 | 45.9 | 33.5 | 384 | 280 | .93 | 47.2 | 34.5 | 526 | 180 | 1.87 | 95.3 | 69.6 |
| 334 | 200 | .93 | 47.2 | 34.5 | 385 | 180 | .78 | 39.7 | 29.0 | 527 | 180 | 1.61 | 82.0 | 59.8 |
| 336 | 240 | 1.22 | 62.4 | 45.5 | 386 | 200 | .88 | 45.1 | 32.9 | 528 | 180 | 1.54 | 78.6 | 57.4 |
| 337 | 280 | 1.02 | 52.1 | 38.0 | 387 | 200 | 1.03 | 52.7 | 38.5 | 529 | 180 | .93 | 47.5 | 34.7 |
| 338 | 200 | 1.00 | 51.0 | 37.2 | 388 | 300 | 1.30 | 66.5 | 48.5 | 530 | 180 | .90 | 45.7 | 33.3 |
| 339 | 240 | 1.12 | 57.2 | 41.8 | 389 | 280 | 1.29 | 65.9 | 48.1 | 531 | 300 | .92 | 46.8 | 34.2 |
| 340 | 280 | .99 | 50.3 | 36.7 | 390 | 160 | .61 | 31.2 | 22.8 | 532 | 180 | 1.19 | 60.5 | 44.1 |
| 341 | 280 | .98 | 50.0 | 36.5 | 391 | 160 | .73 | 37.1 | 27.1 | 533 | 180 | 1.44 | 73.5 | 53.6 |
| 342 | 240 | 1.00 | 51.0 | 37.2 | 392 | 180 | .79 | 40.1 | 29.3 | 534 | 180 | 1.88 | 95.8 | 70.0 |
| 343 | 220 | .97 | 49.4 | 36.1 | 393 | 220 | .84 | 43.0 | 31.4 | 535 | 180 | 1.63 | 83.2 | 60.8 |

TABLE 6 -- CLADDING AND GLASS LOADS-- CONFIGURATION C -- QUAD BLOCK BUILDING -- TAMPA , FLORIDA
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN), PEAK LOAD AND GLASS LOAD (1 MINUTE EQUIVALENT)
REFERENCE PRESSURE = 51. PSF GLASS LOAD FACTOR= .730

| TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) | TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) | TAP | AZI-MUTH | PRESS COEFF | PEAK LOAD (PSF) | GLASS LOAD (PSF) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 536 | 200 | .96 | 48.8 | 35.6 | 584 | 180 | .87 | 44.3 | 32.4 | 732 | 240 | .96 | 48.8 | 35.6 |
| 537 | 200 | 1.19 | 60.4 | 44.1 | 585 | 140 | .88 | 44.8 | 32.7 | 733 | 220 | 1.22 | 62.4 | 45.5 |
| 538 | 200 | 1.06 | 54.1 | 39.5 | 586 | 120 | .70 | 35.9 | 26.2 | 734 | 220 | 1.33 | 67.7 | 49.4 |
| 539 | 180 | 1.02 | 52.2 | 38.1 | 587 | 120 | .75 | 38.5 | 28.1 | 735 | 240 | .86 | 44.0 | 32.2 |
| 540 | 200 | .89 | 45.4 | 33.1 | 588 | 160 | .97 | 49.3 | 36.0 | 736 | 240 | 1.52 | 77.4 | 56.5 |
| 541 | 200 | .94 | 47.7 | 34.8 | 589 | 180 | 1.07 | 54.8 | 40.0 | 901 | 240 | .93 | 47.4 | 34.6 |
| 542 | 200 | 1.08 | 55.0 | 40.2 | 590 | 180 | .97 | 49.7 | 36.3 | 902 | 240 | 1.02 | 52.1 | 38.0 |
| 543 | 200 | .77 | 39.4 | 28.8 | 591 | 140 | .68 | 34.9 | 25.5 | 903 | 160 | .78 | 39.6 | 28.9 |
| 544 | 200 | .84 | 42.9 | 31.3 | 592 | 120 | .62 | 31.4 | 22.9 | 904 | 280 | .74 | 37.6 | 27.5 |
| 545 | 160 | .60 | 30.7 | 22.4 | 593 | 140 | .66 | 33.6 | 24.6 | 905 | 240 | .78 | 39.9 | 29.1 |
| 546 | 120 | .63 | 32.0 | 23.3 | 594 | 120 | 1.00 | 51.1 | 37.3 | 906 | 300 | .85 | 43.3 | 31.6 |
| 547 | 160 | .68 | 34.6 | 25.2 | 595 | 180 | 1.38 | 70.1 | 51.2 | 907 | 120 | .66 | 33.5 | 24.4 |
| 548 | 160 | .81 | 41.3 | 30.1 | 596 | 120 | 1.37 | 70.0 | 51.1 | 908 | 240 | .91 | 46.4 | 33.9 |
| 549 | 300 | .99 | 50.3 | 36.7 | 597 | 220 | .76 | 39.0 | 28.5 | 909 | 260 | 1.01 | 51.4 | 37.5 |
| 550 | 320 | 1.15 | 58.6 | 42.8 | 598 | 300 | .57 | 28.9 | 21.1 | 910 | 260 | 1.13 | 57.7 | 42.1 |
| 551 | 180 | 1.03 | 52.4 | 38.3 | 599 | 220 | .60 | 30.8 | 22.5 | 911 | 280 | .97 | 49.3 | 36.0 |
| 552 | 180 | 1.79 | 91.4 | 66.7 | 600 | 280 | .66 | 33.6 | 24.6 | 912 | 260 | 1.01 | 51.3 | 37.5 |
| 553 | 180 | 1.80 | 92.0 | 67.1 | 701 | 280 | 1.24 | 63.4 | 46.3 | 913 | 180 | 1.12 | 57.0 | 41.6 |
| 554 | 180 | 1.73 | 88.2 | 64.4 | 702 | 260 | 1.59 | 80.9 | 59.0 | 914 | 180 | .82 | 41.9 | 30.6 |
| 555 | 180 | 1.28 | 65.3 | 47.7 | 703 | 260 | 1.49 | 76.1 | 55.6 | 915 | 200 | .66 | 33.7 | 24.6 |
| 556 | 180 | 1.56 | 79.5 | 58.1 | 704 | 200 | 1.22 | 62.4 | 45.6 | 916 | 200 | .68 | 34.7 | 25.4 |
| 557 | 300 | .88 | 44.7 | 32.7 | 705 | 220 | 1.24 | 63.1 | 46.1 | 917 | 280 | 1.23 | 62.6 | 45.7 |
| 558 | 300 | .93 | 47.2 | 34.5 | 706 | 120 | 1.30 | 66.2 | 48.3 | 918 | 180 | 1.05 | 53.7 | 39.2 |
| 559 | 300 | .84 | 43.0 | 31.4 | 707 | 280 | 2.20 | 112.0 | 81.8 | 919 | 160 | 1.03 | 52.4 | 38.2 |
| 560 | 180 | 1.09 | 55.7 | 40.6 | 708 | 280 | 1.75 | 89.3 | 65.2 | 920 | 180 | .99 | 50.4 | 36.8 |
| 561 | 180 | 1.05 | 53.7 | 39.2 | 709 | 280 | 2.48 | 126.5 | 92.4 | 921 | 180 | 1.04 | 52.9 | 38.6 |
| 562 | 180 | .98 | 50.1 | 36.6 | 710 | 300 | 1.41 | 71.7 | 52.4 | 922 | 180 | 1.39 | 70.7 | 51.6 |
| 563 | 200 | .81 | 41.3 | 30.1 | 711 | 300 | 1.25 | 63.7 | 46.5 | 923 | 200 | .67 | 34.0 | 24.8 |
| 564 | 300 | .79 | 40.3 | 29.4 | 712 | 260 | 1.68 | 85.5 | 62.4 | 924 | 200 | .73 | 37.2 | 27.2 |
| 565 | 300 | .89 | 45.4 | 33.1 | 713 | 200 | 1.56 | 79.6 | 58.1 | 925 | 200 | .77 | 39.1 | 28.5 |
| 566 | 280 | .84 | 42.7 | 31.2 | 714 | 120 | .88 | 44.7 | 32.6 | 926 | 260 | 1.44 | 73.7 | 53.8 |
| 567 | 180 | 1.09 | 55.4 | 40.4 | 715 | 200 | .95 | 48.4 | 35.3 | 927 | 260 | 1.17 | 59.7 | 43.6 |
| 568 | 180 | 1.31 | 66.7 | 48.7 | 716 | 220 | .92 | 46.8 | 34.2 | 928 | 260 | 1.20 | 61.1 | 44.6 |
| 569 | 180 | 1.35 | 68.9 | 50.3 | 717 | 260 | 2.11 | 107.4 | 78.4 | 929 | 300 | 1.06 | 54.2 | 39.6 |
| 570 | 200 | .87 | 44.5 | 32.5 | 718 | 260 | 2.08 | 106.1 | 77.4 | 930 | 300 | 1.12 | 57.0 | 41.6 |
| 571 | 300 | .83 | 42.4 | 31.0 | 719 | 180 | 2.17 | 110.5 | 80.7 | 931 | 260 | .96 | 49.2 | 35.9 |
| 572 | 160 | 1.03 | 52.3 | 38.2 | 720 | 180 | 2.16 | 110.0 | 80.3 | 932 | 260 | 1.01 | 51.6 | 37.6 |
| 573 | 200 | .89 | 45.4 | 33.1 | 721 | 260 | 2.07 | 105.5 | 77.0 | 933 | 260 | 1.06 | 53.8 | 39.3 |
| 574 | 180 | .75 | 38.3 | 28.0 | 722 | 280 | 1.75 | 89.4 | 65.2 | 934 | 280 | 1.11 | 56.8 | 41.5 |
| 575 | 200 | .88 | 44.6 | 32.6 | 723 | 160 | 1.32 | 67.2 | 49.0 | 935 | 260 | 1.10 | 56.1 | 40.9 |
| 576 | 300 | .77 | 39.5 | 28.8 | 724 | 180 | 1.60 | 81.8 | 59.7 | 936 | 260 | 1.13 | 57.7 | 42.1 |
| 577 | 260 | .95 | 48.7 | 35.5 | 725 | 180 | 1.51 | 77.2 | 56.3 | 937 | 260 | .96 | 48.9 | 35.7 |
| 578 | 300 | 1.01 | 51.7 | 37.7 | 726 | 160 | 1.75 | 89.0 | 65.0 | 938 | 180 | 1.08 | 55.3 | 40.4 |
| 579 | 180 | .95 | 48.3 | 35.2 | 727 | 180 | 1.20 | 61.0 | 44.6 | 939 | 260 | .96 | 49.1 | 35.8 |
| 580 | 160 | 1.09 | 55.4 | 40.4 | 728 | 260 | 1.09 | 55.3 | 40.4 | 940 | 260 | .99 | 50.6 | 36.9 |
| 581 | 180 | 1.00 | 51.0 | 37.2 | 729 | 220 | .95 | 48.7 | 35.5 | 941 | 180 | .96 | 49.1 | 35.9 |
| 582 | 180 | 1.02 | 51.8 | 37.8 | 730 | 200 | 1.51 | 77.1 | 56.3 | 942 | 140 | 1.16 | 59.0 | 43.1 |
| 583 | 180 | 1.10 | 55.9 | 40.8 | 731 | 200 | 1.71 | 87.4 | 63.8 | | | | | |

TABLE 6 -- PEAK LOADS- CONFIGURATIONS A & C- QUAD BLOCK BUILDING -- TAMPA , FLORIDA
TAPS WHERE PEAK LOADS FOR CONFIGURATION C EXCEED THOSE FOR A BY 10.0 PSF OR MORE - REF. PRESS. = 51 PSF

| CONFIGURATION A | | | | CONFIGURATION C | | | | DIFFERENCE | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TAP | AZI-MUTH | PRESS COEFF | PSF LOAD | TAP | AZI-MUTH | PRESS COEFF | PSF LOAD | TAP | PRESS COEFF | PSF LOAD |
| 105 | 280 | 1.39 | 70.7 | 105 | 280 | 1.60 | 81.6 | 105 | .21 | 10.9 |
| 115 | 90 | 1.36 | 69.1 | 115 | 260 | 1.57 | 80.0 | 115 | .21 | 10.9 |
| 118 | 300 | 1.70 | 86.7 | 118 | 280 | 2.32 | 118.3 | 118 | .62 | 31.6 |
| 129 | 270 | 1.84 | 93.6 | 129 | 280 | 2.06 | 105.0 | 129 | .22 | 11.3 |
| 130 | 270 | 1.81 | 92.3 | 130 | 280 | 2.34 | 119.5 | 130 | .53 | 27.2 |
| 150 | 160 | .83 | 42.3 | 150 | 140 | 1.19 | 60.8 | 150 | .36 | 18.6 |
| 225 | 170 | 1.57 | 80.1 | 225 | 180 | 2.01 | 102.7 | 225 | .44 | 22.6 |
| 241 | 220 | 1.53 | 78.2 | 241 | 220 | 1.74 | 88.5 | 241 | .20 | 10.3 |
| 269 | 230 | 1.24 | 63.1 | 269 | 240 | 1.49 | 76.1 | 269 | .26 | 13.0 |
| 270 | 230 | 1.29 | 66.0 | 270 | 240 | 1.55 | 78.8 | 270 | .25 | 12.8 |
| 329 | 270 | 1.86 | 95.1 | 329 | 260 | 2.25 | 114.6 | 329 | .38 | 19.5 |
| 371 | 220 | 1.13 | 57.8 | 371 | 220 | 1.35 | 68.6 | 371 | .21 | 10.8 |
| 388 | 280 | 1.00 | 51.3 | 388 | 300 | 1.30 | 66.5 | 388 | .30 | 15.2 |
| 389 | 280 | 1.01 | 51.4 | 389 | 280 | 1.29 | 65.9 | 389 | .28 | 14.4 |
| 553 | 170 | 1.49 | 76.1 | 553 | 180 | 1.80 | 92.0 | 553 | .31 | 15.9 |
| 709 | 270 | 2.20 | 112.0 | 709 | 280 | 2.48 | 126.5 | 709 | .29 | 14.6 |
| 721 | 270 | 1.68 | 85.7 | 721 | 260 | 2.07 | 105.5 | 721 | .39 | 19.8 |
| 731 | 260 | 1.15 | 58.5 | 731 | 200 | 1.71 | 87.4 | 731 | .57 | 28.8 |

TABLE 7 -
TOTAL FORCE AND MOMENT LOADS- QUAD BLOCK BUILDING -- TAMPA , FLORIDA

REF. PRESS- 51.PSF GUST FACTOR- 1.32 REF AREA- 200 SQ FT REF. LENGTH- 100.FT.

| AZIMUTH | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) (1000-FT-KIPS) | MOM(Y) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 4.86 | -140.48 | 86.4 | -2496.7 | 412.26 | 14.53 | -3.01 | 732.7 | 25.8 | -5.3 |
| 10 | -9.19 | -160.45 | -163.3 | -2851.6 | 446.93 | 5.40 | -14.46 | 794.3 | 9.6 | -25.7 |
| 20 | -69.2 | -162.66 | -1230.3 | -2890.9 | 446.01 | -145.48 | -15.58 | 792.7 | -258.5 | -27.7 |
| 30 | -114. | -169.32 | -2026.4 | -3009.3 | 448.85 | -267.82 | -14.02 | 797.7 | -476.0 | -24.9 |
| 40 | -150. | -153.77 | -2674.4 | -2732.8 | 398.26 | -371.03 | -7.68 | 707.8 | -659.4 | -13.7 |
| 50 | -185. | -135.24 | -3296.1 | -2403.6 | 333.98 | -458.90 | -1.99 | 593.6 | -815.6 | -3.5 |
| 60 | -189. | -105.97 | -3353.5 | -1883.4 | 237.92 | -486.66 | 6.55 | 422.8 | -864.9 | 11.6 |
| 70 | -195. | -60.18 | -3471.9 | -1069.5 | 116.90 | -508.86 | 10.45 | 207.8 | -904.4 | 18.6 |
| 80 | -193. | -4.66 | -3421.8 | -82.8 | -29.43 | -504.48 | 12.16 | -52.3 | -896.6 | 21.6 |
| 90 | -192. | .95 | -3412.0 | 16.9 | -10.47 | -502.32 | -6.03 | -18.6 | -892.7 | -10.7 |
| 100 | -202. | 1.27 | -3582.8 | 22.5 | 19.60 | -499.68 | -28.15 | 34.8 | -888.1 | -50.0 |
| 110 | -204. | 54.51 | -3623.5 | 968.8 | -112.84 | -494.21 | -33.11 | -200.5 | -878.3 | -58.8 |
| 120 | -197. | 104.94 | -3499.3 | 1865.0 | -244.62 | -465.23 | -34.39 | -434.7 | -826.8 | -61.1 |
| 130 | -173. | 155.14 | -3077.4 | 2757.3 | -370.49 | -403.54 | -31.80 | -658.4 | -717.2 | -56.5 |
| 140 | -130. | 189.99 | -2303.5 | 3376.6 | -456.91 | -296.01 | -26.41 | -812.0 | -526.1 | -46.9 |
| 150 | -91.7 | 206.90 | -1629.5 | 3677.1 | -503.25 | -192.55 | -20.92 | -894.4 | -342.2 | -37.2 |
| 160 | -49.8 | 201.81 | -884.5 | 3586.7 | -498.81 | -67.70 | -19.55 | -886.5 | -120.3 | -34.7 |
| 170 | -11.1 | 191.12 | -197.9 | 3396.8 | -486.40 | 41.51 | -23.85 | -864.5 | 73.8 | -42.4 |
| 180 | -22.3 | 191.37 | -396.3 | 3401.2 | -493.09 | -40.44 | -36.31 | -876.3 | -71.9 | -64.5 |
| 190 | 12.96 | 201.90 | 230.2 | 3588.3 | -509.16 | 26.95 | -36.29 | -904.9 | 47.9 | -64.5 |
| 200 | 79.99 | 204.16 | 1421.7 | 3628.5 | -517.50 | 189.81 | -22.60 | -919.7 | 337.3 | -40.2 |
| 210 | 141.1 | 189.31 | 2508.1 | 3364.4 | -491.14 | 337.90 | -6.01 | -872.9 | 600.5 | -10.7 |
| 220 | 188.0 | 149.56 | 3342.0 | 2658.0 | -407.85 | 455.25 | 14.16 | -724.8 | 809.1 | 25.2 |
| 230 | 215.7 | 104.35 | 3833.6 | 1854.6 | -279.25 | 512.77 | 31.92 | -496.3 | 911.3 | 56.7 |
| 240 | 216.6 | 60.92 | 3849.7 | 1082.7 | -157.60 | 525.53 | 41.00 | -280.1 | 934.0 | 72.9 |
| 250 | 204.1 | 12.11 | 3626.6 | 215.2 | -23.38 | 513.68 | 44.77 | -41.6 | 912.9 | 79.6 |
| 260 | 184.6 | -32.73 | 3281.1 | -581.7 | 76.40 | 493.50 | 42.00 | 135.8 | 877.1 | 74.6 |
| 270 | 199.1 | -9.50 | 3537.8 | -168.9 | -24.41 | 520.05 | 29.14 | -43.4 | 924.3 | 51.8 |
| 280 | 213.7 | 4.71 | 3797.2 | 83.7 | -75.55 | 527.53 | 20.94 | -134.3 | 937.5 | 37.2 |
| 290 | 210.7 | -33.63 | 3744.8 | -597.6 | 31.75 | 519.08 | 20.95 | 56.4 | 922.5 | 37.2 |
| 300 | 178.3 | -34.07 | 3169.6 | -605.5 | 59.74 | 442.09 | 17.20 | 106.2 | 785.7 | 30.6 |
| 310 | 91.95 | -49.58 | 1634.1 | -881.2 | 152.22 | 236.68 | 14.00 | 270.5 | 420.6 | 24.9 |
| 320 | 54.85 | -68.35 | 974.8 | -1214.7 | 203.86 | 146.78 | 9.00 | 362.3 | 260.9 | 16.0 |
| 330 | 40.31 | -143.99 | 716.4 | -2559.1 | 393.16 | 72.57 | 23.87 | 698.7 | 129.0 | 42.4 |
| 340 | 42.15 | -174.35 | 749.1 | -3098.6 | 469.17 | 64.24 | 28.83 | 833.8 | 114.2 | 51.2 |
| 350 | 27.42 | -145.46 | 487.3 | -2585.3 | 418.20 | 30.58 | 20.68 | 743.2 | 54.4 | 36.7 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 0 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -.46 | -3.55 | -8.1 | -63.0 | .32 | -.04 | .32 | .567 | -.073 | .577 |
| 2 | -.22 | -3.01 | -3.9 | -53.5 | .83 | -.06 | .11 | 1.469 | -.106 | .198 |
| 3 | .08 | -1.87 | 1.4 | -33.3 | .75 | .03 | .46 | 1.336 | .054 | .826 |
| 4 | .16 | -1.84 | 2.8 | -32.7 | .96 | .08 | .40 | 1.714 | .147 | .714 |
| 5 | .22 | -1.85 | 4.0 | -32.9 | 1.20 | .14 | .34 | 2.131 | .257 | .601 |
| 6 | .25 | -1.86 | 4.5 | -33.1 | 1.44 | .20 | .26 | 2.553 | .347 | .471 |
| 7 | .28 | -1.95 | 5.0 | -34.6 | 1.74 | .25 | .25 | 3.092 | .449 | .448 |
| 8 | .31 | -2.06 | 5.6 | -36.7 | 2.10 | .32 | .27 | 3.729 | .564 | .477 |
| 9 | .43 | -2.72 | 7.6 | -48.3 | 3.14 | .50 | .36 | 5.574 | .881 | .633 |
| 10 | .32 | -2.41 | 5.7 | -42.9 | 3.04 | .40 | .09 | 5.410 | .719 | .157 |
| 11 | .23 | -2.40 | 4.0 | -42.7 | 3.33 | .32 | .02 | 5.910 | .560 | .037 |
| 12 | .16 | -2.41 | 2.8 | -42.8 | 3.63 | .24 | -.05 | 6.451 | .425 | -.091 |
| 13 | .09 | -2.41 | 1.6 | -42.9 | 3.94 | .15 | -.12 | 6.994 | .260 | -.220 |
| 14 | .00 | -2.47 | .1 | -44.0 | 4.34 | .01 | -.17 | 7.713 | .015 | -.310 |
| 15 | -.11 | -2.65 | -2.0 | -47.1 | 4.98 | -.21 | -.18 | 8.851 | -.380 | -.321 |
| 16 | -.23 | -2.83 | -4.1 | -50.3 | 5.66 | -.46 | -.19 | 10.067 | -.826 | -.332 |
| 17 | -.48 | -3.75 | -8.6 | -66.6 | 8.01 | -1.03 | -.26 | 14.237 | -1.832 | -.464 |
| 18 | .27 | -3.28 | 4.9 | -58.3 | 7.36 | .62 | -.21 | 13.086 | 1.097 | -.368 |
| 19 | .25 | -3.38 | 4.5 | -60.0 | 8.00 | .60 | -.21 | 14.226 | 1.065 | -.376 |
| 20 | .22 | -3.48 | 3.9 | -61.9 | 8.68 | .55 | -.21 | 15.427 | .980 | -.380 |
| 21 | .19 | -3.59 | 3.4 | -63.8 | 9.39 | .50 | -.22 | 16.680 | .881 | -.384 |
| 22 | .16 | -3.69 | 2.8 | -65.7 | 10.12 | .43 | -.22 | 17.982 | .768 | -.388 |
| 23 | .10 | -3.80 | 1.9 | -67.6 | 10.88 | .30 | -.23 | 19.332 | .532 | -.408 |
| 24 | .06 | -3.91 | 1.0 | -69.4 | 11.66 | .17 | -.24 | 20.727 | .298 | -.423 |
| 25 | .01 | -4.01 | .1 | -71.3 | 12.47 | .02 | -.25 | 22.169 | .042 | -.438 |
| 26 | .04 | -4.14 | .7 | -73.6 | 13.37 | .13 | -.24 | 23.761 | .224 | -.418 |
| 27 | .08 | -4.27 | 1.4 | -75.8 | 14.30 | .27 | -.22 | 25.421 | .478 | -.393 |
| 28 | .12 | -4.39 | 2.2 | -78.1 | 15.27 | .42 | -.21 | 27.137 | .751 | -.369 |
| 29 | .16 | -4.52 | 2.9 | -80.3 | 16.27 | .59 | -.19 | 28.907 | 1.041 | -.344 |
| 30 | .20 | -4.65 | 3.6 | -82.6 | 17.29 | .76 | -.18 | 30.733 | 1.349 | -.320 |
| 31 | .25 | -4.77 | 4.4 | -84.8 | 18.35 | .94 | -.17 | 32.615 | 1.675 | -.295 |
| 32 | .29 | -4.90 | 5.1 | -87.1 | 19.44 | 1.14 | -.15 | 34.552 | 2.020 | -.271 |
| 33 | .27 | -4.89 | 4.9 | -86.9 | 20.01 | 1.12 | -.16 | 35.571 | 1.996 | -.290 |
| 34 | .25 | -4.85 | 4.4 | -86.1 | 20.43 | 1.04 | -.18 | 36.302 | 1.854 | -.322 |
| 35 | .22 | -4.80 | 3.9 | -85.3 | 20.83 | .96 | -.20 | 37.013 | 1.699 | -.354 |
| 36 | .19 | -4.76 | 3.4 | -84.5 | 21.21 | .86 | -.22 | 37.704 | 1.533 | -.386 |
| 37 | .17 | -4.71 | 3.0 | -83.7 | 21.59 | .76 | -.24 | 38.375 | 1.355 | -.418 |
| 38 | .14 | -4.67 | 2.5 | -82.9 | 21.96 | .66 | -.25 | 39.026 | 1.165 | -.450 |
| 39 | .18 | -8.99 | 3.2 | -159.7 | 43.97 | .88 | -.53 | 78.141 | 1.557 | -.946 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 10 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -1.34 | -4.54 | -23.8 | -80.8 | .41 | -.12 | .16 | .727 | -.214 | .277 |
| 2 | -1.17 | -3.99 | -20.8 | -70.8 | 1.09 | -.32 | -.15 | 1.945 | -.570 | -.265 |
| 3 | -.48 | -2.44 | -8.5 | -43.3 | .98 | -.19 | .51 | 1 740 | -.341 | .911 |
| 4 | -.43 | -2.41 | -7.6 | -42.8 | 1.26 | -.22 | .43 | 2.245 | -.397 | .760 |
| 5 | -.41 | -2.43 | -7.2 | -43.2 | 1.57 | -.26 | .34 | 2.799 | -.469 | .606 |
| 6 | -.46 | -2.46 | -8.2 | -43.7 | 1.89 | -.35 | .23 | 3.364 | -.629 | .417 |
| 7 | -.53 | -2.57 | -9.4 | -45.7 | 2.30 | -.47 | .19 | 4.087 | -.841 | .345 |
| 8 | -.61 | -2.74 | -10.8 | -48.6 | 2.78 | -.62 | .19 | 4.945 | -1.102 | .329 |
| 9 | -.86 | -3.61 | -15.3 | -64.1 | 4.16 | -1.00 | .21 | 7.398 | -1.769 | .379 |
| 10 | -.71 | -3.16 | -12.6 | -56.1 | 3.98 | -.90 | -.05 | 7.080 | -1.592 | -.091 |
| 11 | -.82 | -3.18 | -14.6 | -56.5 | 4.40 | -1.14 | -.14 | 7.825 | -2.025 | -.256 |
| 12 | -.91 | -3.22 | -16.2 | -57.2 | 4.86 | -1.38 | -.24 | 8 629 | -2.445 | -.433 |
| 13 | -1.00 | -3.26 | -17.8 | -57.9 | 5.32 | -1.63 | -.34 | 9.450 | -2.904 | -.610 |
| 14 | -1.09 | -3.34 | -19.3 | -59.3 | 5.85 | -1.91 | -.43 | 10.402 | -3.386 | -.765 |
| 15 | -1.16 | -3.49 | -20.6 | -62.0 | 6.55 | -2.18 | -.49 | 11.641 | -3.869 | -.875 |
| 16 | -1.23 | -3.64 | -21.9 | -64.7 | 7.29 | -2.47 | -.55 | 12.947 | -4.384 | -.984 |
| 17 | -1.63 | -4.70 | -29.0 | -83.5 | 10.04 | -3.49 | -.78 | 17.852 | -6.200 | -1.391 |
| 18 | -.48 | -4.08 | -8.6 | -72.5 | 9.16 | -1.09 | -.40 | 16 281 | -1.936 | -.707 |
| 19 | -.38 | -4.14 | -6.7 | -73.5 | 9.80 | -.89 | -.43 | 17.421 | -1.581 | -.769 |
| 20 | -.27 | -4.19 | -4.8 | -74.5 | 10.45 | -.67 | -.47 | 18.575 | -1.188 | -.827 |
| 21 | -.16 | -4.26 | -2.9 | -75.6 | 11.13 | -.42 | -.50 | 19.782 | -.749 | -.881 |
| 22 | -.05 | -4.32 | -1.0 | -76.8 | 11.84 | -.15 | -.52 | 21.035 | -.263 | -.931 |
| 23 | .05 | -4.39 | .9 | -78.0 | 12.56 | .14 | -.55 | 22.322 | .257 | -.982 |
| 24 | .17 | -4.46 | 3.1 | -79.3 | 13.31 | .52 | -.57 | 23.656 | .921 | -1.015 |
| 25 | .30 | -4.53 | 5.3 | -80.5 | 14.08 | .92 | -.59 | 25 021 | 1.638 | -1.049 |
| 26 | .36 | -4.59 | 6.4 | -81.6 | 14.83 | 1.16 | -.60 | 26.350 | 2.054 | -1.061 |
| 27 | .41 | -4.65 | 7.3 | -82.6 | 15.58 | 1.38 | -.60 | 27.696 | 2.452 | -1.071 |
| 28 | .47 | -4.70 | 8.3 | -83.6 | 16.36 | 1.62 | -.61 | 29.067 | 2.874 | -1.081 |
| 29 | .52 | -4.76 | 9.2 | -84.6 | 17.14 | 1.87 | -.61 | 30.464 | 3.319 | -1.091 |
| 30 | .57 | -4.82 | 10.2 | -85.7 | 17.94 | 2.13 | -.62 | 31.886 | 3.788 | -1.101 |
| 31 | .63 | -4.88 | 11.1 | -86.7 | 18.76 | 2.41 | -.62 | 33.333 | 4.281 | -1.110 |
| 32 | .68 | -4.93 | 12.1 | -87.7 | 19.58 | 2.70 | -.63 | 34.805 | 4.796 | -1.120 |
| 33 | .63 | -4.91 | 11.2 | -87.2 | 20.08 | 2.58 | -.64 | 35.685 | 4.583 | -1.130 |
| 34 | .55 | -4.86 | 9.8 | -86.3 | 20.47 | 2.32 | -.64 | 36.372 | 4.126 | -1.140 |
| 35 | .47 | -4.80 | 8.4 | -85.4 | 20.84 | 2.04 | -.65 | 37 035 | 3.634 | -1.151 |
| 36 | .39 | -4.75 | 7.0 | -84.5 | 21.20 | 1.75 | -.65 | 37.677 | 3.108 | -1.161 |
| 37 | .31 | -4 70 | 5.6 | -83.6 | 21.55 | 1.43 | -.66 | 38.295 | 2.547 | -1.171 |
| 38 | .23 | -4.65 | 4.1 | -82.6 | 21.88 | 1.10 | -.66 | 38.891 | 1.951 | -1.181 |
| 39 | .24 | -8.92 | 4.3 | -158.6 | 43.66 | 1.19 | -1.31 | 77 590 | 2.118 | -2.331 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 20 REF. PRESS.-51 PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -3.40 | -4.98 | -60.4 | -88.4 | .45 | -.31 | -.60 | .796 | -.544 | -1.058 |
| 2 | -3.62 | -5.09 | -64.3 | -90.4 | 1.40 | -.99 | -1.32 | 2.482 | -1.765 | -2.350 |
| 3 | -1.81 | -2.50 | -32.2 | -44.4 | 1.00 | -.73 | .27 | 1.701 | -1.293 | .471 |
| 4 | -1.85 | -2.48 | -32.8 | -44.1 | 1.30 | -.97 | .16 | 2.315 | -1.721 | .282 |
| 5 | -1.91 | -2.52 | -34.0 | -44.7 | 1.63 | -1.24 | .07 | 2.896 | -2.201 | .116 |
| 6 | -2.04 | -2.55 | -36.3 | -45.3 | 1.96 | -1.57 | -.03 | 3.490 | -2.795 | -.059 |
| 7 | -2.17 | -2.68 | -38.6 | -47.6 | 2.39 | -1.94 | -.08 | 4.251 | -3.445 | -.134 |
| 8 | -2.30 | -2.85 | -40.8 | -50.7 | 2.90 | -2.33 | -.09 | 5.152 | -4.148 | -.160 |
| 9 | -3.01 | -3.77 | -53.5 | -67.1 | 4.35 | -3.47 | -.13 | 7.740 | -6.175 | -.223 |
| 10 | -1.99 | -3.22 | -35.4 | -57.3 | 4.07 | -2.51 | -.08 | 7.231 | -4.464 | -.139 |
| 11 | -2.09 | -3.25 | -37.2 | -57.8 | 4.50 | -2.90 | -.16 | 8.004 | -5.151 | -.288 |
| 12 | -2.19 | -3.29 | -39.0 | -58.5 | 4.97 | -3.31 | -.25 | 8.825 | -5.880 | -.447 |
| 13 | -2.29 | -3.33 | -40.8 | -59.2 | 5.44 | -3.74 | -.34 | 9.664 | -6.653 | -.605 |
| 14 | -2.36 | -3.39 | -41.9 | -60.3 | 5.96 | -4.14 | -.42 | 10.586 | -7.350 | -.741 |
| 15 | -2.34 | -3.50 | -41.6 | -62.2 | 6.57 | -4.39 | -.47 | 11.682 | -7.802 | -.829 |
| 16 | -2.32 | -3.61 | -41.2 | -64.1 | 7.22 | -4.64 | -.52 | 12.825 | -8.246 | -.917 |
| 17 | -2.83 | -4.60 | -50.4 | -81.8 | 9.84 | -6.06 | -.70 | 17.492 | -10.768 | -1.252 |
| 18 | -1.65 | -4.06 | -29.3 | -72.1 | 9.11 | -3.70 | -.30 | 16.195 | -6.583 | -.525 |
| 19 | -1.58 | -4.14 | -28.0 | -73.5 | 9.80 | -3.74 | -.33 | 17.415 | -6.645 | -.587 |
| 20 | -1.53 | -4.22 | -27.1 | -75.0 | 10.52 | -3.81 | -.36 | 18.695 | -6.766 | -.641 |
| 21 | -1.48 | -4.31 | -26.2 | -76.5 | 11.26 | -3.86 | -.39 | 20.015 | -6.864 | -.693 |
| 22 | -1.43 | -4.39 | -25.3 | -78.1 | 12.03 | -3.91 | -.42 | 21.376 | -6.940 | -.745 |
| 23 | -1.38 | -4.48 | -24.5 | -79.6 | 12.82 | -3.95 | -.45 | 22.777 | -7.016 | -.799 |
| 24 | -1.32 | -4.57 | -23.5 | -81.2 | 13.63 | -3.94 | -.47 | 24.225 | -7.009 | -.842 |
| 25 | -1.26 | -4.66 | -22.5 | -82.7 | 14.47 | -3.93 | -.50 | 25.712 | -6.977 | -.886 |
| 26 | -1.24 | -4.69 | -22.1 | -83.4 | 15.16 | -4.02 | -.50 | 26.943 | -7.136 | -.891 |
| 27 | -1.23 | -4.72 | -21.8 | -84.0 | 15.84 | -4.11 | -.50 | 28.153 | -7.313 | -.892 |
| 28 | -1.21 | -4.75 | -21.5 | -84.5 | 16.53 | -4.21 | -.50 | 29.376 | -7.483 | -.892 |
| 29 | -1.20 | -4.79 | -21.2 | -85.0 | 17.23 | -4.30 | -.50 | 30.613 | -7.646 | -.892 |
| 30 | -1.18 | -4.82 | -21.0 | -85.6 | 17.93 | -4.39 | -.50 | 31.864 | -7.802 | -.893 |
| 31 | -1.16 | -4.85 | -20.7 | -86.1 | 18.64 | -4.47 | -.50 | 33.127 | -7.952 | -.893 |
| 32 | -1.15 | -4.88 | -20.4 | -86.7 | 19.36 | -4.55 | -.50 | 34.405 | -8.094 | -.894 |
| 33 | -1.14 | -4.84 | -20.2 | -86.0 | 19.79 | -4.65 | -.51 | 35.173 | -8.256 | -.899 |
| 34 | -1.12 | -4.78 | -20.0 | -84.9 | 20.13 | -4.74 | -.51 | 35.770 | -8.420 | -.905 |
| 35 | -1.11 | -4.71 | -19.8 | -83.8 | 20.45 | -4.83 | -.51 | 36.340 | -8.580 | -.912 |
| 36 | -1.10 | -4.65 | -19.6 | -82.7 | 20.75 | -4.91 | -.52 | 36.883 | -8.735 | -.918 |
| 37 | -1.09 | -4.59 | -19.4 | -81.6 | 21.04 | -5.00 | -.52 | 37.399 | -8.884 | -.925 |
| 38 | -1.08 | -4.53 | -19.2 | -80.5 | 21.32 | -5.08 | -.52 | 37.888 | -9.029 | -.931 |
| 39 | -2.07 | -8.64 | -36.8 | -153.5 | 42.26 | -10.14 | -1.06 | 75.113 | -18.015 | -1.891 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 30 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -4.72 | -6.08 | -83.9 | -108.1 | .55 | -.42 | -1.55 | .973 | -.755 | -2.749 |
| 2 | -4.86 | -6.62 | -86.4 | -117.7 | 1.82 | -1.34 | -2.13 | 3.232 | -2.373 | -3.783 |
| 3 | -2.93 | -2.88 | -52.1 | -51.2 | 1.16 | -1.18 | .06 | 2.054 | -2.090 | .111 |
| 4 | -2.95 | -2.93 | -52.5 | -52.1 | 1.54 | -1.55 | -.00 | 2.731 | -2.753 | -.006 |
| 5 | -2.99 | -3.01 | -53.2 | -53.6 | 1.95 | -1.94 | -.05 | 3.469 | -3.445 | -.097 |
| 6 | -3.06 | -3.10 | -54.5 | -55.1 | 2.39 | -2.36 | -.10 | 4.244 | -4.197 | -.177 |
| 7 | -3.13 | -3.16 | -55.7 | -56.2 | 2.83 | -2.80 | -.15 | 5.025 | -4.976 | -.272 |
| 8 | -3.20 | -3.22 | -56.9 | -57.2 | 3.27 | -3.25 | -.21 | 5.817 | -5.782 | -.374 |
| 9 | -4.05 | -4.05 | -72.1 | -71.9 | 4.67 | -4.68 | -.35 | 8.298 | -8.315 | -.626 |
| 10 | -2.71 | -3.39 | -48.2 | -60.3 | 4.29 | -3.42 | -.10 | 7.617 | -6.082 | -.186 |
| 11 | -2.77 | -3.42 | -49.3 | -60.7 | 4.74 | -3.84 | -.17 | 8.417 | -6.826 | -.310 |
| 12 | -2.85 | -3.45 | -50.7 | -61.3 | 5.20 | -4.30 | -.25 | 9.248 | -7.643 | -.436 |
| 13 | -2.93 | -3.48 | -52.1 | -61.9 | 5.68 | -4.78 | -.32 | 10.093 | -8.494 | -.563 |
| 14 | -2.99 | -3.54 | -53.1 | -62.9 | 6.21 | -5.24 | -.37 | 11.035 | -9.318 | -.660 |
| 15 | -3.01 | -3.65 | -53.4 | -64.9 | 6.86 | -5.64 | -.39 | 12.191 | -10.028 | -.695 |
| 16 | -3.02 | -3.77 | -53.7 | -67.0 | 7.54 | -6.05 | -.41 | 13.396 | -10.747 | -.730 |
| 17 | -3.75 | -4.80 | -66.7 | -85.4 | 10.27 | -8.03 | -.54 | 18.251 | -14.266 | -.961 |
| 18 | -2.58 | -4.17 | -45.8 | -74.1 | 9.37 | -5.79 | -.21 | 16.646 | -10.286 | -.366 |
| 19 | -2.58 | -4.23 | -45.8 | -75.1 | 10.02 | -6.11 | -.22 | 17.804 | -10.851 | -.389 |
| 20 | -2.59 | -4.29 | -46.1 | -76.3 | 10.70 | -6.46 | -.23 | 19.015 | -11.486 | -.408 |
| 21 | -2.61 | -4.36 | -46.4 | -77.4 | 11.39 | -6.82 | -.24 | 20.249 | -12.129 | -.427 |
| 22 | -2.63 | -4.42 | -46.7 | -78.5 | 12.10 | -7.19 | -.25 | 21.508 | -12.778 | -.448 |
| 23 | -2.64 | -4.48 | -47.0 | -79.7 | 12.82 | -7.57 | -.26 | 22.793 | -13.451 | -.469 |
| 24 | -2.66 | -4.54 | -47.2 | -80.7 | 13.56 | -7.93 | -.27 | 24.099 | -14.101 | -.487 |
| 25 | -2.67 | -4.60 | -47.5 | -81.8 | 14.31 | -8.30 | -.28 | 25.431 | -14.756 | -.506 |
| 26 | -2.66 | -4.65 | -47.2 | -82.7 | 15.04 | -8.58 | -.29 | 26.724 | -15.245 | -.519 |
| 27 | -2.63 | -4.70 | -46.8 | -83.6 | 15.77 | -8.84 | -.30 | 28.030 | -15.704 | -.533 |
| 28 | -2.61 | -4.75 | -46.5 | -84.4 | 16.52 | -9.09 | -.31 | 29.357 | -16.155 | -.546 |
| 29 | -2.59 | -4.80 | -46.1 | -85.3 | 17.28 | -9.34 | -.31 | 30.705 | -16.596 | -.560 |
| 30 | -2.57 | -4.85 | -45.7 | -86.2 | 18.05 | -9.58 | -.32 | 32.075 | -17.029 | -.573 |
| 31 | -2.55 | -4.90 | -45.4 | -87.0 | 18.83 | -9.82 | -.33 | 33.465 | -17.453 | -.587 |
| 32 | -2.53 | -4.94 | -45.0 | -87.9 | 19.62 | -10.05 | -.34 | 34.877 | -17.868 | -.600 |
| 33 | -2.50 | -4.88 | -44.5 | -86.7 | 19.97 | -10.24 | -.34 | 35.484 | -18.202 | -.607 |
| 34 | -2.47 | -4.78 | -43.9 | -85.0 | 20.15 | -10.41 | -.34 | 35.819 | -18.501 | -.611 |
| 35 | -2.44 | -4.68 | -43.3 | -83.3 | 20.32 | -10.57 | -.35 | 36.111 | -18.786 | -.616 |
| 36 | -2.40 | -4.59 | -42.7 | -81.5 | 20.46 | -10.72 | -.35 | 36.361 | -19.056 | -.621 |
| 37 | -2.37 | -4.49 | -42.1 | -79.8 | 20.58 | -10.67 | -.35 | 36.568 | -19.312 | -.626 |
| 38 | -2.34 | -4.39 | -41.5 | -78.0 | 20.67 | -11.00 | -.35 | 36.732 | -19.554 | -.630 |
| 39 | -4.44 | -8.25 | -78.9 | -146.7 | 40.38 | -21.71 | -.72 | 71.768 | -38.588 | -1.277 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 40 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -5.71 | -5.72 | -101.6 | -101.7 | .51 | -.51 | -2.55 | .915 | -.914 | -4.534 |
| 2 | -5.84 | -6.59 | -103.9 | -117.1 | 1.81 | -1.60 | -2.92 | 3.214 | -2.852 | -5.188 |
| 3 | -3.44 | -2.71 | -61.1 | -48.2 | 1.09 | -1.38 | -.13 | 1.936 | -2.454 | -.231 |
| 4 | -3.48 | -2.81 | -61.8 | -49.9 | 1.47 | -1.82 | -.12 | 2.615 | -3.242 | -.220 |
| 5 | -3.52 | -2.91 | -62.6 | -51.8 | 1.89 | -2.28 | -.10 | 3.353 | -4.051 | -.183 |
| 6 | -3.56 | -3.02 | -63.3 | -53.7 | 2.33 | -2.74 | -.06 | 4.138 | -4.878 | -.114 |
| 7 | -3.61 | -3.09 | -64.1 | -55.0 | 2.77 | -3.22 | -.06 | 4.914 | -5.728 | -.100 |
| 8 | -3.65 | -3.15 | -65.0 | -56.0 | 3.20 | -3.72 | -.06 | 5.692 | -6.603 | -.113 |
| 9 | -4.59 | -3.98 | -81.6 | -70.7 | 4.59 | -5.30 | -.09 | 8.159 | -9.422 | -.161 |
| 10 | -3.36 | -3.30 | -59 6 | -58.7 | 4.17 | -4.24 | .09 | 7.415 | -7.529 | .154 |
| 11 | -3.43 | -3.34 | -61.0 | -59.3 | 4.62 | -4.75 | .05 | 8.216 | -8.447 | .082 |
| 12 | -3.52 | -3.38 | -62.6 | -60.1 | 5.10 | -5.32 | .01 | 9.066 | -9.449 | .011 |
| 13 | -3.62 | -3.43 | -64.3 | -60.9 | 5.59 | -5.90 | -.03 | 9.937 | -10.493 | -.061 |
| 14 | -3.71 | -3.47 | -65.9 | -61.7 | 6.09 | -6.50 | -.06 | 10.829 | -11.554 | -.114 |
| 15 | -3.78 | -3.52 | -67.1 | -62.6 | 6.61 | -7.09 | -.07 | 11.746 | -12.602 | -.126 |
| 16 | -3.85 | -3.57 | -68.4 | -63.4 | 7.14 | -7.70 | -.08 | 12.685 | -13.681 | -.138 |
| 17 | -4.86 | -4.47 | -86.4 | -79.5 | 9.57 | -10.39 | -.11 | 17.001 | -18.465 | -.196 |
| 18 | -3.56 | -3.58 | -63.2 | -63.6 | 8.04 | -7.99 | -.01 | 14.288 | -14.198 | -.018 |
| 19 | -3.58 | -3.63 | -63.6 | -64.5 | 8.60 | -8.49 | -.01 | 15.281 | -15.081 | -.022 |
| 20 | -3.61 | -3.70 | -64.2 | -65.7 | 9.22 | -9.01 | -.02 | 16.387 | -16.011 | -.032 |
| 21 | -3.65 | -3.77 | -64.8 | -66.9 | 9.85 | -9.54 | -.03 | 17.507 | -16.956 | -.045 |
| 22 | -3.68 | -3.83 | -65.4 | -68.1 | 10.49 | -10.08 | -.03 | 18.645 | -17.915 | -.062 |
| 23 | -3.71 | -3.90 | -65.9 | -69.3 | 11.15 | -10.61 | -.04 | 19.825 | -18.861 | -.070 |
| 24 | -3.73 | -3.97 | -66.3 | -70.6 | 11.86 | -11.14 | -.04 | 21.071 | -19.797 | -.069 |
| 25 | -3.76 | -4.05 | -66.8 | -71.9 | 12.58 | -11.67 | -.04 | 22.350 | -20.744 | -.069 |
| 26 | -3.76 | -4.08 | -66.8 | -72.6 | 13.19 | -12.14 | -.04 | 23.447 | -21.574 | -.079 |
| 27 | -3.76 | -4.12 | -66.8 | -73.2 | 13.80 | -12.60 | -.05 | 24.533 | -22.387 | -.090 |
| 28 | -3.75 | -4.15 | -66.7 | -73.7 | 14.42 | -13.05 | -.06 | 25.634 | -23.200 | -.102 |
| 29 | -3.75 | -4.18 | -66.7 | -74.3 | 15.05 | -13.51 | -.06 | 26.749 | -24.013 | -.113 |
| 30 | -3.75 | -4.21 | -66.7 | -74.9 | 15.69 | -13.97 | -.07 | 27.878 | -24.825 | -.124 |
| 31 | -3.75 | -4.25 | -66.7 | -75.5 | 16.33 | -14.42 | -.08 | 29.021 | -25.636 | -.136 |
| 32 | -3.75 | -4.28 | -66.6 | -76.0 | 16.98 | -14.88 | -.08 | 30.178 | -26.447 | -.147 |
| 33 | -3.70 | -4.23 | -65.7 | -75.2 | 17.31 | -15.12 | -.09 | 30.766 | -26.876 | -.152 |
| 34 | -3.63 | -4.16 | -64.5 | -73.9 | 17.53 | -15.29 | -.09 | 31.160 | -27.169 | -.154 |
| 35 | -3.56 | -4.09 | -63.2 | -72.7 | 17.74 | -15.44 | -.09 | 31.524 | -27.433 | -.156 |
| 36 | -3.49 | -4.02 | -62.0 | -71.4 | 17.92 | -15.57 | -.09 | 31.857 | -27.666 | -.158 |
| 37 | -3.42 | -3.95 | -60.8 | -70.2 | 18.09 | -15.68 | -.09 | 32.159 | -27.869 | -.160 |
| 38 | -3.35 | -3.88 | -59.6 | -68.9 | 18.25 | -15.78 | -.09 | 32.430 | -28.043 | -.163 |
| 39 | -6.25 | -7.28 | -111.1 | -129.4 | 35.61 | -30.58 | -.17 | 63.292 | -54.355 | -.307 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 50 REF. PRESS.-51 PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -7.81 | -6.38 | -138.8 | -113.4 | .57 | -.70 | -3.77 | 1.020 | -1.249 | -6.693 |
| 2 | -8.05 | -7.86 | -143.0 | -139.6 | 2.16 | -2.21 | -4.25 | 3.834 | -3.927 | -7.561 |
| 3 | -4.27 | -2.58 | -75.9 | -45.8 | 1.04 | -1.72 | .02 | 1.840 | -3.048 | .038 |
| 4 | -4.29 | -2.66 | -76.2 | -47.2 | 1.39 | -2.25 | .07 | 2.476 | -3.998 | .126 |
| 5 | -4.30 | -2.76 | -76.4 | -49.0 | 1.78 | -2.78 | .13 | 3.171 | -4.946 | .228 |
| 6 | -4.28 | -2.86 | -76.0 | -50.7 | 2.20 | -3.29 | .20 | 3.910 | -5.856 | .355 |
| 7 | -4.25 | -2.94 | -75.5 | -52.3 | 2.63 | -3.80 | .25 | 4.676 | -6.749 | .452 |
| 8 | -4.22 | -3.03 | -75.0 | -53.8 | 3.08 | -4.29 | .30 | 5.472 | -7.626 | .534 |
| 9 | -5.18 | -3.87 | -92.1 | -68.7 | 4.46 | -5.98 | .44 | 7.933 | -10.625 | .780 |
| 10 | -4.10 | -2.83 | -72.9 | -50.3 | 3.58 | -5.18 | .21 | 6.356 | -9.203 | .380 |
| 11 | -4.14 | -2.89 | -73.6 | -51.3 | 4.00 | -5.74 | .22 | 7.105 | -10.194 | .385 |
| 12 | -4.19 | -2.95 | -74.5 | -52.4 | 4.45 | -6.32 | .22 | 7.910 | -11.233 | .385 |
| 13 | -4.24 | -3.01 | -75.4 | -53.6 | 4.92 | -6.92 | .22 | 8.742 | -12.294 | .386 |
| 14 | -4.30 | -3.07 | -76.3 | -54.6 | 5.39 | -7.54 | .21 | 9.583 | -13.394 | .379 |
| 15 | -4.36 | -3.12 | -77.5 | -55.4 | 5.85 | -8.19 | .20 | 10.404 | -14.557 | .358 |
| 16 | -4.43 | -3.16 | -78.7 | -56.2 | 6.33 | -8.86 | .19 | 11.244 | -15.749 | .337 |
| 17 | -5.58 | -3.96 | -99.1 | -70.4 | 8.47 | -11.93 | .20 | 15.056 | -21.198 | .363 |
| 18 | -4.33 | -3.04 | -77.0 | -54.1 | 6.84 | -9.73 | .11 | 12.148 | -17.290 | .200 |
| 19 | -4.36 | -3.06 | -77.6 | -54.5 | 7.26 | -10.34 | .12 | 12.906 | -18.378 | .211 |
| 20 | -4.40 | -3.11 | -78.3 | -55.2 | 7.74 | -10.98 | .12 | 13.757 | -19.512 | .216 |
| 21 | -4.45 | -3.15 | -79.0 | -55.9 | 8.23 | -11.63 | .12 | 14.622 | -20.664 | .220 |
| 22 | -4.49 | -3.18 | -79.7 | -56.6 | 8.72 | -12.29 | .13 | 15.500 | -21.834 | .223 |
| 23 | -4.53 | -3.22 | -80.5 | -57.3 | 9.22 | -12.96 | 13 | 16.391 | -23.026 | .227 |
| 24 | -4.57 | -3.26 | -81.2 | -57.9 | 9.73 | -13.63 | .13 | 17.284 | -24.225 | .228 |
| 25 | -4.61 | -3.29 | -81.9 | -58.5 | 10.24 | -14.32 | .13 | 18.193 | -25.442 | .230 |
| 26 | -4.64 | -3.33 | -82.4 | -59.1 | 10.75 | -14.98 | .13 | 19.105 | -26.621 | .233 |
| 27 | -4.67 | -3.36 | -82.9 | -59.7 | 11.27 | -15.65 | .13 | 20.030 | -27.805 | .236 |
| 28 | -4.69 | -3.39 | -83.4 | -60.3 | 11.80 | -16.32 | .13 | 20.969 | -29.002 | .239 |
| 29 | -4.72 | -3.43 | -83.9 | -60.9 | 12.34 | -17.00 | .14 | 21.923 | -30.212 | .241 |
| 30 | -4.75 | -3.46 | -84.4 | -61.5 | 12.88 | -17.69 | .14 | 22.892 | -31.434 | .244 |
| 31 | -4.78 | -3.49 | -85.0 | -62.1 | 13.43 | -18.38 | .14 | 23.875 | -32.669 | .247 |
| 32 | -4.81 | -3.53 | -85.5 | -62.7 | 13.99 | -19.08 | .14 | 24.873 | -33.916 | .250 |
| 33 | -4.73 | -3.49 | -84.1 | -62.0 | 14.28 | -19.37 | .14 | 25.370 | -34.418 | .245 |
| 34 | -4.63 | -3.43 | -82.2 | -61.0 | 14.46 | -19.50 | .13 | 25.701 | -34.664 | .238 |
| 35 | -4.52 | -3.37 | -80.4 | -60.0 | 14.63 | -19.62 | .13 | 26.005 | -34.863 | .231 |
| 36 | -4.42 | -3.32 | -78.5 | -58.9 | 14.79 | -19.70 | .13 | 26.285 | -35.017 | .225 |
| 37 | -4.31 | -3.26 | -76.6 | -57.9 | 14.93 | -19.76 | .12 | 26.540 | -35.124 | .218 |
| 38 | -4.21 | -3.20 | -74.8 | -56.9 | 15.06 | -19.80 | .12 | 26.769 | -35.185 | .211 |
| 39 | -7.87 | -5.95 | -139.9 | -105.7 | 29.09 | -38.50 | .24 | 51.695 | -68.430 | .424 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 60 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -7.31 | -5.37 | -129.8 | -95.5 | .48 | -.66 | -3.68 | .859 | -1.168 | -6.538 |
| 2 | -7.24 | -7.12 | -128.8 | -126.5 | 1.95 | -1.99 | -4.14 | 3.472 | -3.536 | -7.357 |
| 3 | -4.06 | -2.48 | -72.2 | -44.0 | .99 | -1.63 | -.12 | 1.766 | -2.899 | -.216 |
| 4 | -4.01 | -2.55 | -71.3 | -45.3 | 1.34 | -2.10 | .01 | 2.375 | -3.738 | .027 |
| 5 | -3.97 | -2.63 | -70.5 | -46.8 | 1.71 | -2.57 | .15 | 3.032 | -4.565 | .269 |
| 6 | -3.93 | -2.72 | -69.8 | -48.4 | 2.10 | -3.03 | .28 | 3.727 | -5.378 | .506 |
| 7 | -3.90 | -2.86 | -69.3 | -50.8 | 2.55 | -3.49 | .40 | 4.538 | -6.196 | .719 |
| 8 | -3.88 | -3.02 | -69.0 | -53.6 | 3.07 | -3.95 | .52 | 5.451 | -7.015 | .921 |
| 9 | -4.80 | -3.96 | -85.3 | -70.3 | 4.57 | -5.54 | .78 | 8.114 | -9.841 | 1.387 |
| 10 | -3.87 | -2.66 | -68.9 | -47.3 | 3.36 | -4.89 | .39 | 5.972 | -8.694 | .696 |
| 11 | -3.91 | -2.71 | -69.5 | -48.2 | 3.75 | -5.42 | .44 | 6.673 | -9.624 | .776 |
| 12 | -3.95 | -2.76 | -70.3 | -49.1 | 4.17 | -5.97 | .48 | 7.409 | -10.602 | .853 |
| 13 | -4.00 | -2.82 | -71.1 | -50.1 | 4.60 | -6.53 | .52 | 8.168 | -11.601 | .929 |
| 14 | -4.06 | -2.84 | -72.2 | -50.5 | 4.98 | -7.13 | .55 | 8.853 | -12.666 | .984 |
| 15 | -4.15 | -2.80 | -73.8 | -49.7 | 5.25 | -7.80 | .56 | 9.330 | -13.862 | .994 |
| 16 | -4.25 | -2.75 | -75.5 | -48.9 | 5.51 | -8.50 | .57 | 9.787 | -15.098 | 1.005 |
| 17 | -5.37 | -3.32 | -95.4 | -59.0 | 7.10 | -11.47 | .70 | 12.625 | -20.387 | 1.245 |
| 18 | -4.52 | -2.34 | -80.3 | -41.6 | 5.26 | -10.15 | .29 | 9.345 | -18.032 | .509 |
| 19 | -4.57 | -2.30 | -81.2 | -40.9 | 5.46 | -10.82 | .31 | 9.700 | -19.239 | .543 |
| 20 | -4.62 | -2.30 | -82.2 | -40.8 | 5.72 | -11.53 | .32 | 10.173 | -20.487 | .563 |
| 21 | -4.68 | -2.29 | -83.2 | -40.6 | 5.98 | -12.24 | .33 | 10.630 | -21.760 | .579 |
| 22 | -4.74 | -2.28 | -84.2 | -40.4 | 6.23 | -12.97 | .33 | 11.074 | -23.057 | .594 |
| 23 | -4.80 | -2.26 | -85.3 | -40.2 | 6.47 | -13.74 | .34 | 11.507 | -24.412 | .606 |
| 24 | -4.85 | -2.25 | -86.2 | -39.9 | 6.71 | -14.48 | .35 | 11.917 | -25.732 | .622 |
| 25 | -4.90 | -2.23 | -87.1 | -39.6 | 6.93 | -15.23 | .36 | 12.320 | -27.074 | .638 |
| 26 | -4.95 | -2.23 | -88.0 | -39.7 | 7.21 | -16.00 | .36 | 12.817 | -28.430 | .648 |
| 27 | -5.00 | -2.24 | -88.9 | -39.7 | 7.50 | -16.77 | .37 | 13.328 | -29.806 | .657 |
| 28 | -5.05 | -2.24 | -89.8 | -39.8 | 7.79 | -17.56 | .37 | 13.841 | -31.204 | .666 |
| 29 | -5.10 | -2.24 | -90.6 | -39.9 | 8.08 | -18.36 | .38 | 14.355 | -32.624 | .675 |
| 30 | -5.15 | -2.25 | -91.5 | -39.9 | 8.37 | -19.17 | .39 | 14.871 | -34.065 | .685 |
| 31 | -5.20 | -2.25 | -92.4 | -40.0 | 8.66 | -19.99 | .39 | 15.388 | -35.528 | .694 |
| 32 | -5.25 | -2.26 | -93.3 | -40.1 | 8.95 | -20.83 | .40 | 15.908 | -37.013 | .703 |
| 33 | -5.19 | -2.23 | -92.2 | -39.6 | 9.11 | -21.22 | .39 | 16.192 | -37.713 | .692 |
| 34 | -5.09 | -2.19 | -90.5 | -38.9 | 9.22 | -21.46 | .38 | 16.393 | -38.149 | .676 |
| 35 | -5.00 | -2.15 | -88.9 | -38.2 | 9.33 | -21.69 | .37 | 16.578 | -38.544 | .660 |
| 36 | -4.91 | -2.11 | -87.2 | -37.5 | 9.42 | -21.89 | .36 | 16.746 | -38.898 | .644 |
| 37 | -4.81 | -2.07 | -85.6 | -36.9 | 9.51 | -22.06 | .35 | 16.898 | -39.212 | .628 |
| 38 | -4.72 | -2.04 | -83.9 | -36.2 | 9.58 | -22.22 | .34 | 17.033 | -39.485 | .611 |
| 39 | -8.92 | -3.87 | -158.6 | -68.8 | 18.95 | -43.66 | .64 | 33.681 | -77.590 | 1.140 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 70 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -6.94 | -3.91 | -123.3 | -69.5 | .35 | -.62 | -3.19 | .626 | -1.110 | -5.665 |
| 2 | -6.95 | -5.28 | -123.5 | -93.9 | 1.45 | -1.91 | -3.69 | 2.578 | -3.392 | -6.566 |
| 3 | -4.23 | -1.66 | -75.2 | -29.4 | .66 | -1.70 | -.34 | 1.181 | -3.018 | -.600 |
| 4 | -4.17 | -1.70 | -74.1 | -30.2 | .89 | -2.19 | -.18 | 1.587 | -3.884 | -.329 |
| 5 | -4.11 | -1.76 | -73.1 | -31.3 | 1.14 | -2.66 | -.02 | 2.029 | -4.732 | -.041 |
| 6 | -4.05 | -1.82 | -72.0 | -32.4 | 1.41 | -3.12 | .14 | 2.498 | -5.547 | .248 |
| 7 | -4.03 | -1.95 | -71.6 | -34.7 | 1.74 | -3.60 | .26 | 3.098 | -6.394 | .462 |
| 8 | -4.02 | -2.11 | -71.4 | -37.5 | 2.14 | -4.09 | .36 | 3.810 | -7.263 | .639 |
| 9 | -4.99 | -2.81 | -88.6 | -50.0 | 3.25 | -5.76 | .55 | 5.769 | -10.230 | .979 |
| 10 | -3.97 | -1.61 | -70.5 | -28.6 | 2.03 | -5.01 | .37 | 3.610 | -8.906 | .653 |
| 11 | -4.01 | -1.74 | -71.2 | -30.9 | 2.41 | -5.55 | .42 | 4.275 | -9.864 | .750 |
| 12 | -4.06 | -1.84 | -72.1 | -32.7 | 2.77 | -6.12 | .47 | 4.929 | -10.882 | .838 |
| 13 | -4.11 | -1.94 | -73.1 | -34.5 | 3.17 | -6.71 | .52 | 5.628 | -11.923 | .926 |
| 14 | -4.17 | -1.99 | -74.2 | -35.4 | 3.50 | -7.32 | .57 | 6.214 | -13.010 | 1.009 |
| 15 | -4.25 | -1.94 | -75.5 | -34.4 | 3.64 | -7.98 | .61 | 6.467 | -14.176 | 1.079 |
| 16 | -4.32 | -1.88 | -76.9 | -33.5 | 3.77 | -8.65 | .65 | 6.696 | -15.375 | 1.150 |
| 17 | -5.43 | -2.23 | -96.6 | -39.5 | 4.76 | -11.62 | .85 | 8.455 | -20.650 | 1.506 |
| 18 | -4.68 | -1.28 | -83.1 | -22.7 | 2.87 | -10.51 | .36 | 5.095 | -18.678 | .640 |
| 19 | -4.75 | -1.18 | -84.3 | -20.9 | 2.79 | -11.24 | .41 | 4.960 | -19.985 | .723 |
| 20 | -4.82 | -1.13 | -85.6 | -20.1 | 2.82 | -12.01 | .44 | 5.013 | -21.336 | .777 |
| 21 | -4.89 | -1.08 | -86.9 | -19.3 | 2.84 | -12.78 | .47 | 5.040 | -22.719 | .829 |
| 22 | -4.96 | -1.04 | -88.1 | -18.4 | 2.84 | -13.58 | .50 | 5.041 | -24.132 | .881 |
| 23 | -5.04 | -.99 | -89.5 | -17.5 | 2.82 | -14.42 | .52 | 5.013 | -25.622 | .926 |
| 24 | -5.10 | -.93 | -90.7 | -16.5 | 2.78 | -15.24 | .55 | 4.938 | -27.077 | .976 |
| 25 | -5.17 | -.88 | -91.9 | -15.6 | 2.72 | -16.07 | .58 | 4.840 | -28.560 | 1.026 |
| 26 | -5.22 | -.87 | -92.8 | -15.5 | 2.83 | -16.86 | .58 | 5.022 | -29.966 | 1.027 |
| 27 | -5.26 | -.88 | -93.6 | -15.6 | 2.95 | -17.66 | .58 | 5.242 | -31.379 | 1.022 |
| 28 | -5.31 | -.88 | -94.4 | -15.7 | 3.07 | -18.46 | .57 | 5.464 | -32.812 | 1.017 |
| 29 | -5.36 | -.89 | -95.2 | -15.8 | 3.20 | -19.28 | .57 | 5.689 | -34.265 | 1.012 |
| 30 | -5.40 | -.89 | -96.0 | -15.9 | 3.33 | -20.11 | .57 | 5.915 | -35.738 | 1.007 |
| 31 | -5.45 | -.90 | -96.8 | -16.0 | 3.46 | -20.95 | .56 | 6.143 | -37.231 | 1.002 |
| 32 | -5.49 | -.90 | -97.6 | -16.1 | 3.59 | -21.80 | .56 | 6.374 | -38.744 | .997 |
| 33 | -5.43 | -.91 | -96.5 | -16.1 | 3.70 | -22.22 | .56 | 6.583 | -39.492 | .991 |
| 34 | -5.34 | -.91 | -94.9 | -16.1 | 3.82 | -22.50 | .55 | 6.786 | -39.980 | .985 |
| 35 | -5.24 | -.91 | -93.2 | -16.1 | 3.93 | -22.75 | .55 | 6.989 | -40.428 | .979 |
| 36 | -5.15 | -.91 | -91.5 | -16.1 | 4.05 | -22.98 | .55 | 7.192 | -40.835 | .973 |
| 37 | -5.06 | -.91 | -89.9 | -16.1 | 4.16 | -23.18 | .54 | 7.396 | -41.202 | .967 |
| 38 | -4.96 | -.91 | -88.2 | -16.1 | 4.28 | -23.37 | .54 | 7.600 | -41.528 | .961 |
| 39 | -9.47 | -1.84 | -168.2 | -32.7 | 8.99 | -46.31 | 1.02 | 15.986 | -82.305 | 1.816 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 80 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -6.54 | -2.32 | -116.3 | -41.3 | .21 | -.59 | -2.99 | .372 | -1.047 | -5.319 |
| 2 | -6.78 | -3.77 | -120.4 | -67.0 | 1.03 | -1.86 | -3.53 | 1.838 | -3.307 | -6.279 |
| 3 | -4.10 | -.73 | -72.9 | -13.0 | .29 | -1.65 | -.23 | .524 | -2.925 | -.402 |
| 4 | -4.08 | -.73 | -72.6 | -12.9 | .38 | -2.14 | -.10 | .677 | -3.807 | -.175 |
| 5 | -4.07 | -.72 | -72.4 | -12.8 | .47 | -2.64 | .04 | .832 | -4.685 | .067 |
| 6 | -4.05 | -.72 | -71.9 | -12.8 | .55 | -3.12 | .18 | .985 | -5.542 | .316 |
| 7 | -4.05 | -.80 | -72.0 | -14.2 | .71 | -3.62 | .28 | 1.267 | -6.433 | .489 |
| 8 | -4.07 | -.92 | -72.3 | -16.3 | .93 | -4.14 | .35 | 1.654 | -7.350 | .625 |
| 9 | -5.07 | -1.29 | -90.1 | -23.0 | 1.49 | -5.85 | .53 | 2.649 | -10.395 | .936 |
| 10 | -3.96 | -.44 | -70.4 | -7.8 | .55 | -5.00 | .46 | .983 | -8.883 | .818 |
| 11 | -3.98 | -.55 | -70.8 | -9.9 | .77 | -5.52 | .48 | 1.365 | -9.811 | .851 |
| 12 | -4.02 | -.56 | -71.4 | -9.9 | .84 | -6.06 | .50 | 1.498 | -10.765 | .884 |
| 13 | -4.05 | -.56 | -71.9 | -10.0 | .92 | -6.60 | .52 | 1.634 | -11.732 | .917 |
| 14 | -4.09 | -.56 | -72.7 | -10.0 | .99 | -7.17 | .54 | 1.754 | -12.749 | .958 |
| 15 | -4.16 | -.55 | -73.9 | -9.8 | 1.03 | -7.80 | .57 | 1.835 | -13.869 | 1.017 |
| 16 | -4.22 | -.54 | -75.1 | -9.5 | 1.07 | -8.45 | .61 | 1.910 | -15.017 | 1.077 |
| 17 | -5.30 | -.63 | -94.1 | -11.3 | 1.36 | -11.32 | .80 | 2.410 | -20.122 | 1.421 |
| 18 | -4.51 | .21 | -80.2 | 3.7 | -.47 | -10.14 | .47 | -.831 | -18.021 | .842 |
| 19 | -4.56 | .28 | -81.1 | 5.0 | -.67 | -10.82 | .50 | -1.188 | -19.222 | .880 |
| 20 | -4.62 | .33 | -82.1 | 5.9 | -.82 | -11.51 | .51 | -1.466 | -20.457 | .906 |
| 21 | -4.67 | .38 | -83.0 | 6.7 | -.99 | -12.22 | .52 | -1.763 | -21.715 | .931 |
| 22 | -4.72 | .43 | -84.0 | 7.6 | -1.17 | -12.94 | .54 | -2.080 | -22.996 | .956 |
| 23 | -4.81 | .48 | -85.4 | 8.5 | -1.37 | -13.75 | .54 | -2.431 | -24.437 | .962 |
| 24 | -4.86 | .54 | -86.4 | 9.5 | -1.60 | -14.50 | .55 | -2.840 | -25.777 | .978 |
| 25 | -4.91 | .59 | -87.3 | 10.5 | -1.84 | -15.27 | .56 | -3.273 | -27.142 | .994 |
| 26 | -5.00 | .61 | -88.9 | 10.8 | -1.97 | -16.15 | .56 | -3.497 | -28.707 | .998 |
| 27 | -5.09 | .62 | -90.4 | 11.0 | -2.08 | -17.07 | .56 | -3.698 | -30.331 | 1.001 |
| 28 | -5.18 | .63 | -92.0 | 11.2 | -2.20 | -18.00 | .56 | -3.905 | -31.995 | 1.003 |
| 29 | -5.27 | .64 | -93.6 | 11.4 | -2.32 | -18.96 | .57 | -4.116 | -33.698 | 1.006 |
| 30 | -5.36 | .65 | -95.2 | 11.6 | -2.44 | -19.94 | .57 | -4.332 | -35.439 | 1.008 |
| 31 | -5.45 | .67 | -96.8 | 11.8 | -2.56 | -20.94 | .57 | -4.553 | -37.220 | 1.011 |
| 32 | -5.54 | .68 | -98.4 | 12.0 | -2.69 | -21.97 | .57 | -4.780 | -39.040 | 1.013 |
| 33 | -5.49 | .65 | -97.6 | 11.6 | -2.66 | -22.46 | .58 | -4.731 | -39.923 | 1.035 |
| 34 | -5.41 | .61 | -96.1 | 10.9 | -2.58 | -22.79 | .60 | -4.588 | -40.499 | 1.061 |
| 35 | -5.32 | .57 | -94.6 | 10.2 | -2.49 | -23.09 | .61 | -4.429 | -41.039 | 1.088 |
| 36 | -5.24 | .54 | -93.1 | 9.5 | -2.39 | -23.37 | .63 | -4.253 | -41.543 | 1.115 |
| 37 | -5.16 | .50 | -91.7 | 8.9 | -2.28 | -23.64 | .64 | -4.061 | -42.010 | 1.142 |
| 38 | -5.07 | .46 | -90.2 | 8.2 | -2.17 | -23.88 | .66 | -3.851 | -42.441 | 1.169 |
| 39 | -9.72 | .67 | -172.7 | 11.9 | -3.28 | -47.54 | 1.30 | -5.824 | -84.497 | 2.316 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 90 REF. PRESS.-51 PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100 FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -6.58 | -1.04 | -116.9 | -18.5 | .09 | - 59 | -2.76 | .166 | -1.052 | -4.912 |
| 2 | -6.81 | -2.42 | -121.1 | -43.0 | .66 | -1.87 | -3.49 | 1.180 | -3.325 | -6.194 |
| 3 | -3.82 | -.11 | -68.0 | -2.0 | .04 | -1.54 | -.06 | .079 | -2.728 | -.099 |
| 4 | -3.87 | .00 | -68.7 | .1 | -.00 | -2.03 | -.03 | -.003 | -3.605 | -.049 |
| 5 | -3.92 | .10 | -69.7 | 1.8 | -.07 | -2.54 | .01 | -.118 | -4.515 | .011 |
| 6 | -3.97 | .20 | -70.6 | 3.6 | -.16 | -3.06 | .05 | -.278 | -5.442 | .083 |
| 7 | -4.02 | .17 | -71.5 | 3.0 | -.15 | -3.59 | .08 | -.272 | -6.388 | .148 |
| 8 | -4.07 | .08 | -72.3 | 1.3 | -.08 | -4.14 | .12 | -.136 | -7.351 | .210 |
| 9 | -5.11 | -.04 | -90.8 | -.8 | .05 | -5.09 | .19 | .092 | -10.475 | .331 |
| 10 | -4.12 | .28 | -73.2 | 4.9 | -.35 | -5.20 | .18 | -.621 | -9 241 | .326 |
| 11 | -4.13 | .12 | -73.4 | 2.1 | -.16 | -5.72 | .14 | -.285 | -10.169 | .248 |
| 12 | -4.14 | .10 | -73.6 | 1.8 | -.15 | -6.24 | .10 | -.273 | -11.098 | .178 |
| 13 | -4.15 | .09 | -73.7 | 1.6 | -.14 | -6.77 | .06 | -.256 | -12.031 | .108 |
| 14 | -4.20 | .07 | -74.6 | 1.3 | -.12 | -7.36 | .03 | -.221 | -13.084 | .047 |
| 15 | -4.32 | .05 | -76.8 | .8 | -.09 | -8.11 | .00 | -.152 | -14.420 | .007 |
| 16 | -4.45 | .02 | -79.0 | .4 | -.04 | -8.90 | -.02 | -.073 | -15.811 | -.034 |
| 17 | -5.65 | -.00 | -100.4 | -.0 | .00 | -12.08 | -.05 | .005 | -21.471 | -.083 |
| 18 | -4.41 | .49 | -78.4 | 8.7 | -1.10 | -9.91 | .12 | -1.949 | -17.614 | .213 |
| 19 | -4.47 | .44 | -79.4 | 7.8 | -1.05 | -10.59 | .09 | -1.859 | -18.822 | .168 |
| 20 | -4.53 | .38 | -80.5 | 6.7 | -.94 | -11.29 | .07 | -1.679 | -20.066 | .125 |
| 21 | -4.59 | .32 | -81.6 | 5.8 | -.85 | -12.00 | .04 | -1.510 | -21.335 | .075 |
| 22 | -4.65 | .28 | -82.6 | 4.9 | -.75 | -12.73 | .01 | -1.340 | -22.631 | .021 |
| 23 | -4.75 | .22 | -84.4 | 4.0 | -.64 | -13.59 | -.03 | -1.141 | -24 154 | -.057 |
| 24 | -4.81 | 17 | -85.5 | 3.0 | -.51 | -14.35 | -.06 | -.898 | -25.505 | -.106 |
| 25 | -4.87 | .11 | -86.5 | 2.0 | -.36 | -15.13 | -.09 | -.631 | -26 881 | -.155 |
| 26 | -4.95 | .10 | -88.0 | 1.7 | -.31 | -15.99 | -.08 | -.549 | -28.416 | -.150 |
| 27 | -5.03 | .08 | -89.5 | 1.4 | -.27 | -16.88 | -.08 | -.485 | -30.003 | -.137 |
| 28 | -5.12 | .07 | -91.0 | 1.2 | -.23 | -17.80 | -.07 | -.415 | -31.628 | -.125 |
| 29 | -5.20 | .05 | -92.5 | .9 | -.19 | -18.73 | -.06 | -.339 | -33.289 | -.113 |
| 30 | -5.29 | .04 | -94.0 | .7 | -.14 | -19.69 | -.06 | -.256 | -34.988 | -.101 |
| 31 | -5.37 | .02 | -95.5 | .4 | -.09 | -20.66 | -.05 | -.167 | -36.723 | -.089 |
| 32 | -5.46 | .01 | -97.0 | .2 | -.04 | -21.66 | -.04 | -.072 | -38.496 | -.076 |
| 33 | -5.42 | .02 | -96.4 | .3 | -.08 | -22.18 | -.04 | -.137 | -39.423 | -.073 |
| 34 | -5.35 | .03 | -95.1 | .6 | -.14 | -22.55 | -.04 | -.253 | -40.074 | -.072 |
| 35 | -5.28 | .05 | -93.8 | .9 | -.21 | -22.90 | -.04 | -.377 | -40 694 | -.071 |
| 36 | -5.21 | .06 | -92.6 | 1.1 | -.28 | -23.23 | - 04 | -.506 | -41 283 | -.070 |
| 37 | -5.14 | .08 | -91.3 | 1.4 | -.36 | -23.54 | - 04 | -.643 | -41.841 | -.070 |
| 38 | -5.07 | .09 | -90.0 | 1.7 | -.44 | -23 84 | - 04 | -.786 | -42 367 | -.069 |
| 39 | -9.70 | .17 | -172.3 | 3.0 | -.81 | -47.43 | - 07 | -1.446 | -84 302 | -.116 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 100 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -7.53 | .26 | -133.9 | 4.6 | -.02 | -.68 | -3.18 | -.042 | -1.205 | -5.656 |
| 2 | -7.82 | -.90 | -139.1 | -15.9 | .25 | -2.15 | -3.91 | .437 | -3.819 | -6.944 |
| 3 | -4.60 | .82 | -81.8 | 14.6 | -.33 | -1.85 | -.51 | -.587 | -3.283 | -.906 |
| 4 | -4.66 | .88 | -82.8 | 15.7 | -.46 | -2.44 | -.53 | -.823 | -4.342 | -.946 |
| 5 | -4.73 | .93 | -84.0 | 16.5 | -.60 | -3.06 | -.55 | -1.070 | -5.440 | -.979 |
| 6 | -4.80 | .98 | -85.3 | 17.4 | -.75 | -3.70 | -.56 | -1.338 | -6.569 | -1.002 |
| 7 | -4.90 | .93 | -87.0 | 16.6 | -.83 | -4.38 | -.60 | -1.481 | -7.776 | -1.067 |
| 8 | -5.01 | .84 | -89.1 | 15.0 | -.86 | -5.09 | -.65 | -1.523 | -9.052 | -1.153 |
| 9 | -6.38 | .92 | -113.4 | 16.3 | -1.06 | -7.36 | -.89 | -1.886 | -13.087 | -1.577 |
| 10 | -4.69 | .90 | -83.4 | 15.9 | -1.13 | -5.92 | -.26 | -2.011 | -10.529 | -.457 |
| 11 | -4.73 | .62 | -84.0 | 11.1 | -.87 | -6.55 | -.33 | -1.539 | -11.645 | -.584 |
| 12 | -4.77 | .51 | -84.7 | 9.1 | -.77 | -7.19 | -.39 | -1.367 | -12.783 | -.695 |
| 13 | -4.81 | .39 | -85.4 | 7.0 | -.64 | -7.84 | -.45 | -1.145 | -13.939 | -.806 |
| 14 | -4.85 | .29 | -86.3 | 5.1 | -.50 | -8.52 | -.52 | -.894 | -15.135 | -.923 |
| 15 | -4.92 | .19 | -87.4 | 3.4 | -.36 | -9.23 | -.59 | -.644 | -16.403 | -1.051 |
| 16 | -4.98 | .10 | -88.5 | 1.8 | -.20 | -9.96 | -.66 | -.353 | -17.699 | -1.180 |
| 17 | -6.24 | .00 | -110.8 | .0 | -.00 | -13.33 | -.92 | -.006 | -23.694 | -1.641 |
| 18 | -4.77 | .06 | -84.8 | 1.1 | -.14 | -10.71 | -.37 | -.242 | -19.042 | -.656 |
| 19 | -4.76 | -.04 | -84.7 | -.6 | .08 | -11.29 | -.41 | .148 | -20.064 | -.731 |
| 20 | -4.76 | -.09 | -84.6 | -1.6 | .22 | -11.87 | -.43 | .391 | -21.097 | -.769 |
| 21 | -4.76 | -.13 | -84.6 | -2.4 | .35 | -12.45 | -.46 | .626 | -22.130 | -.812 |
| 22 | -4.76 | -.18 | -84.6 | -3.2 | .49 | -13.03 | -.48 | .864 | -23.161 | -.859 |
| 23 | -4.75 | -.22 | -84.4 | -3.9 | .63 | -13.59 | -.50 | 1.123 | -24.161 | -.897 |
| 24 | -4.74 | -.27 | -84.3 | -4.7 | .79 | -14.15 | -.53 | 1.411 | -25.157 | -.937 |
| 25 | -4.73 | -.31 | -84.1 | -5.5 | .97 | -14.71 | -.55 | 1.719 | -26.149 | -.977 |
| 26 | -4.78 | -.34 | -85.0 | -6.1 | 1.11 | -15.45 | -.56 | 1.969 | -27.456 | -.991 |
| 27 | -4.84 | -.37 | -86.0 | -6.6 | 1.25 | -16.22 | -.56 | 2.223 | -28.824 | -1.002 |
| 28 | -4.89 | -.40 | -86.9 | -7.2 | 1.40 | -17.00 | -.57 | 2.490 | -30.215 | -1.012 |
| 29 | -4.94 | -.43 | -87.9 | -7.7 | 1.56 | -17.80 | -.58 | 2.771 | -31.630 | -1.023 |
| 30 | -5.00 | -.46 | -88.8 | -8.2 | 1.72 | -18.61 | -.58 | 3.064 | -33.068 | -1.033 |
| 31 | -5.05 | -.49 | -89.8 | -8.8 | 1.90 | -19.43 | -.59 | 3.371 | -34.530 | -1.044 |
| 32 | -5.11 | -.52 | -90.8 | -9.3 | 2.08 | -20.27 | -.59 | 3.691 | -36.016 | -1.054 |
| 33 | -5.07 | -.51 | -90.1 | -9.0 | 2.08 | -20.73 | -.60 | 3.693 | -36.851 | -1.063 |
| 34 | -5.00 | -.48 | -88.9 | -8.5 | 2.02 | -21.08 | -.60 | 3.591 | -37.470 | -1.071 |
| 35 | -4.94 | -.45 | -87.7 | -8.0 | 1.96 | -21.42 | -.61 | 3.476 | -38.061 | -1.080 |
| 36 | -4.87 | -.42 | -86.6 | -7.5 | 1.88 | -21.73 | -.61 | 3.349 | -38.623 | -1.088 |
| 37 | -4.81 | -.39 | -85.4 | -7.0 | 1.81 | -22.03 | -.62 | 3.210 | -39.157 | -1.096 |
| 38 | -4.74 | -.37 | -84.3 | -6.5 | 1.72 | -22.32 | -.62 | 3.058 | -39.662 | -1.104 |
| 39 | -9.10 | -.59 | -161.7 | -10.5 | 2.88 | -44.53 | -1.22 | 5.118 | -79.134 | -2.160 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 110 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -7.85 | 2.12 | -139.5 | 37.7 | -.19 | -.71 | -3.26 | -.339 | -1.256 | -5.787 |
| 2 | -8.05 | 1.35 | -143.0 | 24.0 | -.37 | -2.21 | -3.94 | -.660 | -3.928 | -6.998 |
| 3 | -5.04 | 1.93 | -89.5 | 34.4 | -.78 | -2.02 | -1.05 | -1.380 | -3.594 | -1.858 |
| 4 | -5.06 | 1.98 | -89.9 | 35.2 | -1.04 | -2.65 | -1.07 | -1.848 | -4.718 | -1.899 |
| 5 | -5.10 | 2.02 | -90.6 | 35.9 | -1.31 | -3.30 | -1.09 | -2.327 | -5.865 | -1.938 |
| 6 | -5.13 | 2.06 | -91.2 | 36.6 | -1.59 | -3.95 | -1.12 | -2.823 | -7.027 | -1.987 |
| 7 | -5.22 | 2.01 | -92.8 | 35.8 | -1.80 | -4.67 | -1.16 | -3.196 | -8.295 | -2.066 |
| 8 | -5.34 | 1.92 | -95.0 | 34.1 | -1.95 | -5.43 | -1.22 | -3.471 | -9.655 | -2.162 |
| 9 | -6.79 | 2.25 | -120.6 | 39.9 | -2.59 | -7.83 | -1.58 | -4.605 | -13.918 | -2.805 |
| 10 | -4.88 | 2.06 | -86.7 | 36.6 | -2.60 | -6.16 | -.56 | -4.619 | -10.949 | -.988 |
| 11 | -4.93 | 1.88 | -87.6 | 33.5 | -2.61 | -6.83 | -.62 | -4.637 | -12.133 | -1.104 |
| 12 | -4.98 | 1.84 | -88.5 | 32.8 | -2.78 | -7.51 | -.68 | -4.941 | -13.351 | -1.206 |
| 13 | -5.03 | 1.80 | -89.4 | 32.0 | -2.94 | -8.21 | -.74 | -5.228 | -14.591 | -1.308 |
| 14 | -5.09 | 1.75 | -90.5 | 31.2 | -3.08 | -8.93 | -.79 | -5.467 | -15.876 | -1.412 |
| 15 | -5.17 | 1.68 | -91.8 | 29.9 | -3.16 | -9.70 | -.86 | -5.619 | -17.237 | -1.521 |
| 16 | -5.24 | 1.61 | -93.1 | 28.7 | -3.23 | -10.48 | -.92 | -5.740 | -18.631 | -1.630 |
| 17 | -6.57 | 1.92 | -116.8 | 34.2 | -4.11 | -14.06 | -1.23 | -7.304 | -24.983 | -2.180 |
| 18 | -4.63 | 1.50 | -82.3 | 26.6 | -3.36 | -10.40 | -.26 | -5.971 | -18.485 | -.456 |
| 19 | -4.64 | 1.31 | -82.5 | 23.3 | -3.11 | -11.00 | -.33 | -5.524 | -19.545 | -.583 |
| 20 | -4.65 | 1.25 | -82.7 | 22.2 | -3.11 | -11.60 | -.35 | -5.530 | -20.609 | -.629 |
| 21 | -4.66 | 1.20 | -82.9 | 21.2 | -3.13 | -12.20 | -.38 | -5.555 | -21.678 | -.683 |
| 22 | -4.67 | 1.15 | -83.1 | 20.4 | -3.14 | -12.80 | -.42 | -5.584 | -22.752 | -.743 |
| 23 | -4.68 | 1.10 | -83.1 | 19.5 | -3.14 | -13.38 | -.44 | -5.575 | -23.779 | -.789 |
| 24 | -4.68 | 1.04 | -83.2 | 18.4 | -3.09 | -13.98 | -.47 | -5.492 | -24.839 | -.835 |
| 25 | -4.69 | .97 | -83.4 | 17.3 | -3.03 | -14.57 | -.50 | -5.382 | -25.901 | -.881 |
| 26 | -4.73 | .96 | -84.1 | 17.1 | -3.11 | -15.30 | -.51 | -5.520 | -27.184 | -.898 |
| 27 | -4.78 | .95 | -85.0 | 17.0 | -3.20 | -16.04 | -.51 | -5.688 | -28.514 | -.912 |
| 28 | -4.83 | .95 | -85.9 | 16.8 | -3.29 | -16.80 | -.52 | -5.853 | -29.866 | -.926 |
| 29 | -4.88 | .94 | -86.8 | 16.7 | -3.38 | -17.58 | -.53 | -6.014 | -31.239 | -.939 |
| 30 | -4.93 | .93 | -87.7 | 16.6 | -3.47 | -18.36 | -.54 | -6.172 | -32.634 | -.953 |
| 31 | -4.98 | .93 | -88.5 | 16.5 | -3.56 | -19.16 | -.54 | -6.327 | -34.051 | -.967 |
| 32 | -5.03 | .92 | -89.4 | 16.3 | -3.65 | -19.97 | -.55 | -6.479 | -35.489 | -.981 |
| 33 | -4.97 | .89 | -88.3 | 15.8 | -3.65 | -20.33 | -.55 | -6.481 | -36.139 | -.984 |
| 34 | -4.88 | .86 | -86.7 | 15.3 | -3.62 | -20.55 | -.55 | -6.428 | -36.524 | -.984 |
| 35 | -4.78 | .83 | -85.0 | 14.7 | -3.58 | -20.74 | -.55 | -6.361 | -36.868 | -.984 |
| 36 | -4.69 | .79 | -83.3 | 14.1 | -3.53 | -20.91 | -.55 | -6.279 | -37.170 | -.985 |
| 37 | -4.60 | .76 | -81.7 | 13.5 | -3.48 | -21.06 | -.55 | -6.183 | -37.432 | -.985 |
| 38 | -4.50 | .73 | -80.0 | 12.9 | -3.42 | -21.19 | -.55 | -6.072 | -37.653 | -.985 |
| 39 | -8.51 | 1.37 | -151.2 | 24.3 | -6.68 | -41.62 | -1.08 | -11.873 | -73.966 | -1.913 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 120 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -8.04 | 3.78 | -142.9 | 67.2 | -.34 | -.72 | -3.42 | -.605 | -1.286 | -6.070 |
| 2 | -8.33 | 3.03 | -148.0 | 53.9 | -.83 | -2.29 | -4.13 | -1.479 | -4.065 | -7.337 |
| 3 | -5.18 | 2.77 | -92.0 | 49.3 | -1.11 | -2.08 | -1.49 | -1.979 | -3.695 | -2.656 |
| 4 | -5.22 | 2.82 | -92.8 | 50.2 | -1.48 | -2.74 | -1.55 | -2.631 | -4.868 | -2.755 |
| 5 | -5.28 | 2.88 | -93.8 | 51.1 | -1.86 | -3.42 | -1.61 | -3.311 | -6.075 | -2.861 |
| 6 | -5.34 | 2.93 | -94.9 | 52.1 | -2.26 | -4.11 | -1.68 | -4.015 | -7.310 | -2.978 |
| 7 | -5.44 | 2.92 | -96.7 | 52.0 | -2.61 | -4.86 | -1.73 | -4.645 | -8.640 | -3.081 |
| 8 | -5.56 | 2.89 | -98.9 | 51.3 | -2.94 | -5.66 | -1.79 | -5.217 | -10.052 | -3.177 |
| 9 | -7.05 | 3.53 | -125.3 | 62.7 | -4.07 | -8.14 | -2.29 | -7.240 | -14.461 | -4.067 |
| 10 | -4.76 | 3.12 | -84.7 | 55.4 | -3.94 | -6.01 | -.79 | -6.995 | -10.688 | -1.405 |
| 11 | -4.82 | 3.00 | -85.7 | 53.3 | -4.16 | -6.68 | -.84 | -7.387 | -11.880 | -1.487 |
| 12 | -4.89 | 2.99 | -86.9 | 53.1 | -4.50 | -7.37 | -.88 | -8.004 | -13.105 | -1.559 |
| 13 | -4.95 | 2.97 | -88.0 | 52.8 | -4.85 | -8.08 | -.92 | -8.614 | -14.359 | -1.631 |
| 14 | -5.02 | 2.96 | -89.2 | 52.6 | -5.19 | -8.81 | -.96 | -9.221 | -15.657 | -1.708 |
| 15 | -5.10 | 2.95 | -90.7 | 52.4 | -5.53 | -9.58 | -1.01 | -9.831 | -17.026 | -1.794 |
| 16 | -5.18 | 2.94 | -92.1 | 52.2 | -5.87 | -10.37 | -1.06 | -10.436 | -18.430 | -1.881 |
| 17 | -6.54 | 3.64 | -116.3 | 64.7 | -7.79 | -13.99 | -1.40 | -13.844 | -24.864 | -2.492 |
| 18 | -4.23 | 2.77 | -75.2 | 49.2 | -6.22 | -9.51 | -.14 | -11.053 | -16.894 | -.242 |
| 19 | -4.25 | 2.63 | -75.5 | 46.8 | -6.23 | -10.07 | -.19 | -11.079 | -17.894 | -.340 |
| 20 | -4.27 | 2.59 | -75.8 | 46.1 | -6.46 | -10.63 | -.21 | -11.483 | -18.895 | -.374 |
| 21 | -4.28 | 2.56 | -76.1 | 45.5 | -6.70 | -11.20 | -.23 | -11.913 | -19.902 | -.415 |
| 22 | -4.30 | 2.54 | -76.4 | 45.1 | -6.95 | -11.77 | -.26 | -12.355 | -20.917 | -.459 |
| 23 | -4.30 | 2.51 | -76.5 | 44.7 | -7.19 | -12.32 | -.28 | -12.780 | -21.888 | -.496 |
| 24 | -4.32 | 2.48 | -76.8 | 44.1 | -7.41 | -12.89 | -.30 | -13.175 | -22.913 | -.536 |
| 25 | -4.34 | 2.45 | -77.1 | 43.6 | -7.63 | -13.47 | -.32 | -13.557 | -23.946 | -.576 |
| 26 | -4.38 | 2.43 | -77.8 | 43.1 | -7.84 | -14.14 | -.33 | -13.925 | -25.138 | -.581 |
| 27 | -4.42 | 2.40 | -78.6 | 42.6 | -8.03 | -14.84 | -.33 | -14.280 | -26.369 | -.582 |
| 28 | -4.47 | 2.37 | -79.4 | 42.1 | -8.23 | -15.54 | -.33 | -14.622 | -27.619 | -.582 |
| 29 | -4.52 | 2.34 | -80.3 | 41.5 | -8.41 | -16.26 | -.33 | -14.951 | -28.890 | -.583 |
| 30 | -4.56 | 2.31 | -81.1 | 41.0 | -8.59 | -16.98 | -.33 | -15.267 | -30.180 | -.583 |
| 31 | -4.61 | 2.28 | -81.9 | 40.5 | -8.76 | -17.72 | -.33 | -15.571 | -31.491 | -.584 |
| 32 | -4.65 | 2.25 | -82.7 | 40.0 | -8.92 | -18.47 | -.33 | -15.861 | -32.821 | -.584 |
| 33 | -4.60 | 2.20 | -81.8 | 39.1 | -8.99 | -18.82 | -.33 | -15.979 | -33.452 | -.585 |
| 34 | -4.52 | 2.14 | -80.3 | 38.0 | -9.02 | -19.04 | -.33 | -16.026 | -33.847 | -.585 |
| 35 | -4.44 | 2.08 | -78.9 | 37.0 | -9.03 | -19.25 | -.33 | -16.049 | -34.206 | -.585 |
| 36 | -4.36 | 2.02 | -77.4 | 36.0 | -9.03 | -19.43 | -.33 | -16.046 | -34.530 | -.584 |
| 37 | -4.27 | 1.97 | -76.0 | 34.9 | -9.01 | -19.59 | -.33 | -16.018 | -34.819 | -.584 |
| 38 | -4.19 | 1.91 | -74.5 | 33.9 | -8.98 | -19.73 | -.33 | -15.965 | -35.071 | -.584 |
| 39 | -7.90 | 3.60 | -140.4 | 64.1 | -17.63 | -38.64 | -.65 | -31.338 | -68.680 | -1.164 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 130 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -7.05 | 5.69 | -125.3 | 101.2 | -.51 | -.63 | -3.15 | -.911 | -1.128 | -5.602 |
| 2 | -7.07 | 5.30 | -125.6 | 94.2 | -1.46 | -1.94 | -3.39 | -2.588 | -3.449 | -6.025 |
| 3 | -4.85 | 3.93 | -86.2 | 69.9 | -1.58 | -1.95 | -1.93 | -2.805 | -3.459 | -3.424 |
| 4 | -4.87 | 3.94 | -86.6 | 70.0 | -2.07 | -2.55 | -1.95 | -3.671 | -4.540 | -3.469 |
| 5 | -4.91 | 3.96 | -87.2 | 70.3 | -2.56 | -3.18 | -1.99 | -4.554 | -5.649 | -3.532 |
| 6 | -4.95 | 3.98 | -88.1 | 70.7 | -3.06 | -3.82 | -2.04 | -5.444 | -6.785 | -3.617 |
| 7 | -5.06 | 3.99 | -90.0 | 70.9 | -3.56 | -4.52 | -2.09 | -6.333 | -8.039 | -3.706 |
| 8 | -5.20 | 4.00 | -92.4 | 71.1 | -4.06 | -5.29 | -2.14 | -7.223 | -9.394 | -3.797 |
| 9 | -6.62 | 4.97 | -117.6 | 88.4 | -5.74 | -7.64 | -2.72 | -10.202 | -13.570 | -4.828 |
| 10 | -4.27 | 4.19 | -75.9 | 74.5 | -5.29 | -5.39 | -.89 | -9.406 | -9.587 | -1.589 |
| 11 | -4.31 | 4.12 | -76.5 | 73.1 | -5.70 | -5.97 | -.92 | -10.133 | -10.603 | -1.641 |
| 12 | -4.34 | 4.10 | -77.1 | 72.8 | -6.18 | -6.55 | -.95 | -10.987 | -11.632 | -1.694 |
| 13 | -4.37 | 4.08 | -77.7 | 72.5 | -6.66 | -7.13 | -.98 | -11.834 | -12.676 | -1.747 |
| 14 | -4.41 | 4.08 | -78.4 | 72.6 | -7.17 | -7.74 | -1.02 | -12.734 | -13.752 | -1.805 |
| 15 | -4.46 | 4.13 | -79.3 | 73.4 | -7.75 | -8.38 | -1.05 | -13.773 | -14.885 | -1.871 |
| 16 | -4.51 | 4.17 | -80.2 | 74.1 | -8.34 | -9.03 | -1.09 | -14.830 | -16.040 | -1.938 |
| 17 | -5.65 | 5.25 | -100.5 | 93.4 | -11.23 | -12.09 | -1.42 | -19.961 | -21.484 | -2.522 |
| 18 | -3.61 | 3.96 | -64.2 | 70.5 | -8.91 | -8.11 | -.04 | -15.830 | -14.414 | -.066 |
| 19 | -3.64 | 3.88 | -64.7 | 69.0 | -9.19 | -8.63 | -.06 | -16.340 | -15.330 | -.105 |
| 20 | -3.67 | 3.83 | -65.2 | 68.1 | -9.55 | -9.15 | -.06 | -16.977 | -16.259 | -.114 |
| 21 | -3.70 | 3.79 | -65.8 | 67.4 | -9.91 | -9.68 | -.07 | -17.619 | -17.201 | -.127 |
| 22 | -3.73 | 3.75 | -66.3 | 66.7 | -10.27 | -10.22 | -.08 | -18.257 | -18.156 | -.143 |
| 23 | -3.75 | 3.71 | -66.6 | 66.0 | -10.62 | -10.72 | -.08 | -18.875 | -19.048 | -.148 |
| 24 | -3.78 | 3.67 | -67.2 | 65.2 | -10.95 | -11.28 | -.09 | -19.469 | -20.044 | -.163 |
| 25 | -3.81 | 3.63 | -67.8 | 64.5 | -11.28 | -11.85 | -.10 | -20.044 | -21.054 | -.179 |
| 26 | -3.84 | 3.62 | -68.2 | 64.4 | -11.71 | -12.40 | -.10 | -20.805 | -22.034 | -.181 |
| 27 | -3.86 | 3.62 | -68.6 | 64.4 | -12.15 | -12.95 | -.10 | -21.589 | -23.019 | -.182 |
| 28 | -3.89 | 3.62 | -69.1 | 64.4 | -12.59 | -13.51 | -.10 | -22.373 | -24.014 | -.182 |
| 29 | -3.91 | 3.62 | -69.5 | 64.3 | -13.03 | -14.08 | -.10 | -23.156 | -25.021 | -.183 |
| 30 | -3.94 | 3.62 | -69.9 | 64.3 | -13.47 | -14.65 | -.10 | -23.938 | -26.038 | -.183 |
| 31 | -3.96 | 3.62 | -70.4 | 64.3 | -13.91 | -15.23 | -.10 | -24.720 | -27.066 | -.184 |
| 32 | -3.98 | 3.62 | -70.8 | 64.3 | -14.35 | -15.81 | -.10 | -25.501 | -28.105 | -.184 |
| 33 | -3.93 | 3.55 | -69.9 | 63.0 | -14.51 | -16.10 | -.10 | -25.789 | -28.610 | -.182 |
| 34 | -3.86 | 3.46 | -68.7 | 61.5 | -14.57 | -16.28 | -.10 | -25.902 | -28.934 | -.179 |
| 35 | -3.79 | 3.37 | -67.4 | 59.9 | -14.62 | -16.44 | -.10 | -25.977 | -29.226 | -.175 |
| 36 | -3.72 | 3.28 | -66.1 | 58.3 | -14.64 | -16.59 | -.10 | -26.012 | -29.487 | -.172 |
| 37 | -3.65 | 3.19 | -64.8 | 56.7 | -14.63 | -16.72 | -.10 | -26.009 | -29.716 | -.169 |
| 38 | -3.58 | 3.10 | -63.6 | 55.2 | -14.61 | -16.83 | -.09 | -25.967 | -29.915 | -.166 |
| 39 | -6.65 | 5.74 | -118.2 | 102.0 | -28.08 | -32.54 | -.19 | -49.906 | -57.840 | -.339 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 140 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -5.59 | 7.00 | -99.3 | 124.4 | -.63 | -.50 | -2.83 | -1.119 | -.894 | -5.023 |
| 2 | -5.44 | 6.76 | -96.7 | 120.1 | -1.86 | -1.49 | -2.78 | -3.298 | -2.656 | -4.943 |
| 3 | -3.89 | 4.69 | -69.2 | 83.3 | -1.88 | -1.56 | -2.08 | -3.343 | -2.777 | -3.691 |
| 4 | -3.90 | 4.72 | -69.3 | 83.8 | -2.47 | -2.04 | -2.09 | -4.396 | -3.633 | -3.714 |
| 5 | -3.91 | 4.76 | -69.6 | 84.6 | -3.08 | -2.53 | -2.12 | -5.478 | -4.505 | -3.764 |
| 6 | -3.94 | 4.81 | -70.0 | 85.4 | -3.70 | -3.03 | -2.16 | -6.580 | -5.390 | -3.840 |
| 7 | -4.01 | 4.85 | -71.2 | 86.2 | -4.34 | -3.58 | -2.19 | -7.706 | -6.366 | -3.900 |
| 8 | -4.11 | 4.90 | -73.0 | 87.1 | -4.98 | -4.17 | -2.22 | -8.856 | -7.419 | -3.952 |
| 9 | -5.21 | 6.14 | -92.6 | 109.2 | -7.09 | -6.01 | -2.79 | -12.600 | -10.684 | -4.963 |
| 10 | -3.24 | 5.08 | -57.6 | 90.2 | -6.41 | -4.09 | -.93 | -11.392 | -7.275 | -1.661 |
| 11 | -3.25 | 5.00 | -57.8 | 88.8 | -6.92 | -4.51 | -.93 | -12.307 | -8.007 | -1.656 |
| 12 | -3.26 | 4.94 | -57.9 | 87.7 | -7.45 | -4.91 | -.93 | -13.234 | -8.732 | -1.656 |
| 13 | -3.26 | 4.87 | -58.0 | 86.6 | -7.95 | -5.32 | -.93 | -14.134 | -9.459 | -1.656 |
| 14 | -3.27 | 4.86 | -58.2 | 86.3 | -8.52 | -5.75 | -.94 | -15.139 | -10.211 | -1.673 |
| 15 | -3.30 | 4.93 | -58.7 | 87.5 | -9.25 | -6.20 | -.97 | -16.435 | -11.017 | -1.725 |
| 16 | -3.33 | 5.00 | -59.2 | 88.8 | -9.99 | -6.66 | -1.00 | -17.762 | -11.835 | -1.777 |
| 17 | -4.16 | 6.32 | -73.9 | 112.3 | -13.51 | -8.89 | -1.30 | -24.005 | -15.795 | -2.308 |
| 18 | -2.56 | 4.58 | -45.4 | 81.4 | -10.29 | -5.74 | .10 | -18.291 | -10.208 | .181 |
| 19 | -2.59 | 4.56 | -46.0 | 81.1 | -10.81 | -6.13 | .09 | -19.220 | -10.893 | .167 |
| 20 | -2.62 | 4.56 | -46.6 | 81.0 | -11.36 | -6.54 | .09 | -20.194 | -11.622 | .165 |
| 21 | -2.66 | 4.56 | -47.3 | 81.0 | -11.92 | -6.96 | .09 | -21.179 | -12.367 | .160 |
| 22 | -2.70 | 4.56 | -47.9 | 81.0 | -12.47 | -7.39 | .09 | -22.170 | -13.128 | .154 |
| 23 | -2.71 | 4.55 | -48.2 | 80.9 | -13.03 | -7.76 | .09 | -23.159 | -13.784 | .167 |
| 24 | -2.75 | 4.55 | -48.9 | 80.9 | -13.59 | -8.20 | .09 | -24.145 | -14.581 | .161 |
| 25 | -2.79 | 4.55 | -49.5 | 80.9 | -14.14 | -8.66 | .09 | -25.130 | -15.396 | .155 |
| 26 | -2.81 | 4.54 | -49.9 | 80.7 | -14.67 | -9.07 | .09 | -26.081 | -16.122 | .167 |
| 27 | -2.83 | 4.53 | -50.2 | 80.6 | -15.20 | -9.48 | .10 | -27.023 | -16.845 | .180 |
| 28 | -2.84 | 4.53 | -50.6 | 80.4 | -15.73 | -9.89 | .11 | -27.962 | -17.575 | .193 |
| 29 | -2.86 | 4.52 | -50.9 | 80.3 | -16.26 | -10.30 | .12 | -28.897 | -18.313 | .206 |
| 30 | -2.88 | 4.51 | -51.2 | 80.1 | -16.78 | -10.72 | .12 | -29.828 | -19.059 | .219 |
| 31 | -2.90 | 4.50 | -51.5 | 80.0 | -17.31 | -11.15 | .13 | -30.756 | -19.813 | .232 |
| 32 | -2.92 | 4.49 | -51.8 | 79.8 | -17.83 | -11.58 | .14 | -31.680 | -20.576 | .245 |
| 33 | -2.87 | 4.41 | -51.1 | 78.4 | -18.05 | -11.76 | .14 | -32.082 | -20.903 | .254 |
| 34 | -2.81 | 4.31 | -50.0 | 76.6 | -18.17 | -11.86 | .15 | -32.296 | -21.082 | .262 |
| 35 | -2.75 | 4.21 | -49.0 | 74.8 | -18.27 | -11.95 | .15 | -32.466 | -21.235 | .270 |
| 36 | -2.69 | 4.11 | -47.9 | 73.1 | -18.34 | -12.02 | .16 | -32.592 | -21.361 | .278 |
| 37 | -2.63 | 4.01 | -46.8 | 71.3 | -18.39 | -12.08 | .16 | -32.675 | -21.461 | .286 |
| 38 | -2.57 | 3.91 | -45.8 | 69.5 | -18.41 | -12.12 | .17 | -32.714 | -21.535 | .294 |
| 39 | -4.78 | 7.33 | -85.0 | 130.2 | -35.85 | -23.39 | .32 | -63.718 | -41.573 | .575 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 150 REF. PRESS.-51 PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -4.40 | 7.33 | -78.1 | 130.2 | -.66 | -.40 | -2.36 | -1.172 | -.703 | -4.200 |
| 2 | -4.04 | 7.15 | -71.8 | 127.1 | -1.96 | -1.11 | -1.96 | -3.490 | -1.970 | -3.484 |
| 3 | -3.47 | 4.97 | -61.7 | 88.3 | -1.99 | -1.39 | -2.33 | -3.544 | -2.476 | -4.144 |
| 4 | -3.47 | 5.00 | -61.6 | 88.9 | -2.62 | -1.82 | -2.33 | -4.663 | -3.233 | -4.139 |
| 5 | -3.47 | 5.04 | -61.6 | 89.6 | -3.27 | -2.25 | -2.34 | -5.803 | -3.990 | -4.159 |
| 6 | -3.46 | 5.08 | -61.4 | 90.3 | -3.92 | -2.66 | -2.36 | -6.961 | -4.733 | -4.197 |
| 7 | -3.48 | 5.15 | -61.9 | 91.5 | -4.60 | -3.11 | -2.39 | -8.172 | -5.529 | -4.252 |
| 8 | -3.53 | 5.22 | -62.7 | 92.8 | -5.31 | -3.58 | -2.43 | -9.431 | -6.369 | -4.314 |
| 9 | -4.42 | 6.58 | -78.6 | 116.9 | -7.59 | -5.10 | -3.06 | -13.486 | -9.071 | -5.443 |
| 10 | -2.34 | 5.41 | -41.7 | 96.1 | -6.82 | -2.96 | -.94 | -12.128 | -5.259 | -1.662 |
| 11 | -2.35 | 5.39 | -41.8 | 95.7 | -7.46 | -3.26 | -.93 | -13.265 | -5.795 | -1.650 |
| 12 | -2.36 | 5.36 | -42.0 | 95.3 | -8.09 | -3.56 | -.93 | -14.382 | -6.331 | -1.648 |
| 13 | -2.37 | 5.34 | -42.1 | 94.9 | -8.72 | -3.87 | -.93 | -15.489 | -6.870 | -1.647 |
| 14 | -2.37 | 5.35 | -42.1 | 95.1 | -9.39 | -4.16 | -.93 | -16.681 | -7.388 | -1.649 |
| 15 | -2.35 | 5.42 | -41.8 | 96.4 | -10.18 | -4.42 | -.93 | -18.092 | -7.847 | -1.657 |
| 16 | -2.33 | 5.49 | -41.5 | 97.6 | -10.99 | -4.67 | -.94 | -19.535 | -8.298 | -1.665 |
| 17 | -2.86 | 6.94 | -50.9 | 123.3 | -14.83 | -6.12 | -1.19 | -26.365 | -10.875 | -2.107 |
| 18 | -1.72 | 4.95 | -30.6 | 88.0 | -11.12 | -3.87 | .26 | -19.769 | -6.870 | .466 |
| 19 | -1.72 | 4.95 | -30.5 | 88.0 | -11.73 | -4.07 | .28 | -20.853 | -7.226 | .491 |
| 20 | -1.72 | 4.95 | -30.5 | 87.9 | -12.33 | -4.28 | .29 | -21.915 | -7.607 | .514 |
| 21 | -1.72 | 4.95 | -30.5 | 87.9 | -12.94 | -4.49 | .30 | -22.997 | -7.988 | .533 |
| 22 | -1.72 | 4.95 | -30.6 | 88.0 | -13.56 | -4.71 | .31 | -24.092 | -8.369 | .550 |
| 23 | -1.69 | 4.95 | -30.1 | 88.0 | -14.17 | -4.84 | .33 | -25.176 | -8.602 | .592 |
| 24 | -1.69 | 4.94 | -30.1 | 87.9 | -14.75 | -5.05 | .35 | -26.223 | -8.970 | .619 |
| 25 | -1.69 | 4.94 | -30.1 | 87.7 | -15.34 | -5.25 | .36 | -27.267 | -9.338 | .645 |
| 26 | -1.70 | 4.94 | -30.2 | 87.9 | -15.97 | -5.49 | .37 | -28.384 | -9.749 | .650 |
| 27 | -1.71 | 4.95 | -30.3 | 88.0 | -16.61 | -5.72 | .37 | -29.514 | -10.169 | .651 |
| 28 | -1.71 | 4.96 | -30.5 | 88.2 | -17.24 | -5.96 | .37 | -30.647 | -10.592 | .653 |
| 29 | -1.72 | 4.97 | -30.6 | 88.3 | -17.88 | -6.20 | .37 | -31.784 | -11.019 | .655 |
| 30 | -1.73 | 4.98 | -30.8 | 88.4 | -18.53 | -6.44 | .37 | -32.924 | -11.449 | .656 |
| 31 | -1.74 | 4.98 | -30.9 | 88.6 | -19.17 | -6.69 | .37 | -34.068 | -11.883 | .658 |
| 32 | -1.75 | 4.99 | -31.0 | 88.7 | -19.81 | -6.93 | .37 | -35.216 | -12.321 | .659 |
| 33 | -1.73 | 4.92 | -30.7 | 87.4 | -20.12 | -7.06 | .38 | -35.753 | -12.554 | .673 |
| 34 | -1.70 | 4.82 | -30.2 | 85.6 | -20.30 | -7.16 | .39 | -36.077 | -12.718 | .690 |
| 35 | -1.67 | 4.72 | -29.7 | 83.8 | -20.46 | -7.24 | .40 | -36.356 | -12.869 | .707 |
| 36 | -1.64 | 4.62 | -29.2 | 82.0 | -20.59 | -7.32 | .41 | -36.592 | -13.007 | .725 |
| 37 | -1.61 | 4.52 | -28.7 | 80.3 | -20.70 | -7.39 | .42 | -36.784 | -13.133 | .742 |
| 38 | -1.58 | 4.42 | -28.1 | 78.5 | -20.78 | -7.45 | .43 | -36.932 | -13.246 | .759 |
| 39 | -2.97 | 8.33 | -52.7 | 148.0 | -40.75 | -14.51 | .87 | -72.426 | -25.786 | 1.551 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 160 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -3.19 | 6.65 | -56.6 | 118.2 | -.60 | -.29 | -1.96 | -1.064 | -.509 | -3.476 |
| 2 | -2.77 | 6.81 | -49.2 | 121.1 | -1.87 | -.76 | -1.29 | -3.324 | -1.352 | -2.296 |
| 3 | -3.00 | 4.66 | -53.3 | 82.9 | -1.87 | -1.20 | -2.58 | -3.327 | -2.138 | -4.581 |
| 4 | -3.06 | 4.76 | -54.4 | 84.6 | -2.50 | -1.60 | -2.62 | -4.436 | -2.852 | -4.657 |
| 5 | -3.12 | 4.86 | -55.4 | 86.4 | -3.15 | -2.02 | -2.68 | -5.593 | -3.587 | -4.762 |
| 6 | -3.16 | 4.96 | -56.2 | 88.2 | -3.82 | -2.44 | -2.75 | -6.794 | -4.333 | -4.891 |
| 7 | -3.20 | 5.03 | -56.9 | 89.4 | -4.49 | -2.86 | -2.81 | -7.985 | -5.080 | -4.992 |
| 8 | -3.23 | 5.08 | -57.4 | 90.2 | -5.16 | -3.28 | -2.86 | -9.173 | -5.831 | -5.081 |
| 9 | -4.02 | 6.38 | -71.4 | 113.5 | -7.37 | -4.64 | -3.62 | -13.094 | -8.243 | -6.437 |
| 10 | -1.64 | 5.01 | -29.1 | 89.0 | -6.32 | -2.07 | -.91 | -11.238 | -3.678 | -1.618 |
| 11 | -1.67 | 5.10 | -29.6 | 90.7 | -7.07 | -2.31 | -.92 | -12.567 | -4.105 | -1.632 |
| 12 | -1.70 | 5.18 | -30.2 | 92.0 | -7.81 | -2.56 | -.93 | -13.882 | -4.555 | -1.657 |
| 13 | -1.73 | 5.25 | -30.8 | 93.3 | -8.57 | -2.82 | -.95 | -15.229 | -5.019 | -1.682 |
| 14 | -1.75 | 5.30 | -31.1 | 94.2 | -9.30 | -3.07 | -.97 | -16.523 | -5.449 | -1.715 |
| 15 | -1.73 | 5.29 | -30.8 | 94.0 | -9.93 | -3.25 | -.99 | -17.643 | -5.774 | -1.766 |
| 16 | -1.71 | 5.28 | -30.5 | 93.8 | -10.55 | -3.43 | -1.02 | -18.757 | -6.093 | -1.816 |
| 17 | -2.10 | 6.54 | -37.3 | 116.2 | -13.99 | -4.48 | -1.32 | -24.855 | -7.969 | -2.347 |
| 18 | -.49 | 4.69 | -8.7 | 83.4 | -10.54 | -1.10 | .37 | -18.726 | -1.958 | .651 |
| 19 | -.46 | 4.70 | -8.2 | 83.5 | -11.13 | -1.09 | .39 | -19.776 | -1.939 | .687 |
| 20 | -.43 | 4.70 | -7.7 | 83.6 | -11.72 | -1.08 | .41 | -20.833 | -1.916 | .725 |
| 21 | -.40 | 4.71 | -7.2 | 83.8 | -12.33 | -1.06 | .43 | -21.905 | -1.881 | .761 |
| 22 | -.38 | 4.72 | -6.7 | 83.9 | -12.93 | -1.03 | .45 | -22.989 | -1.835 | .796 |
| 23 | -.33 | 4.73 | -5.8 | 84.1 | -13.54 | -.94 | .48 | -24.071 | -1.668 | .848 |
| 24 | -.29 | 4.74 | -5.2 | 84.2 | -14.15 | -.87 | .50 | -25.143 | -1.545 | .894 |
| 25 | -.25 | 4.75 | -4.5 | 84.4 | -14.75 | -.79 | .53 | -26.218 | -1.407 | .940 |
| 26 | -.24 | 4.78 | -4.3 | 85.0 | -15.45 | -.78 | .53 | -27.452 | -1.393 | .942 |
| 27 | -.23 | 4.82 | -4.1 | 85.6 | -16.16 | -.78 | .53 | -28.721 | -1.391 | .939 |
| 28 | -.22 | 4.86 | -4.0 | 86.3 | -16.88 | -.78 | .53 | -30.006 | -1.385 | .937 |
| 29 | -.22 | 4.89 | -3.8 | 87.0 | -17.62 | -.77 | .53 | -31.308 | -1.375 | .934 |
| 30 | -.21 | 4.93 | -3.7 | 87.6 | -18.36 | -.77 | .52 | -32.626 | -1.362 | .931 |
| 31 | -.20 | 4.97 | -3.5 | 88.3 | -19.11 | -.76 | .52 | -33.961 | -1.344 | .928 |
| 32 | -.19 | 5.01 | -3.3 | 89.0 | -19.87 | -.74 | .52 | -35.312 | -1.322 | .925 |
| 33 | -.21 | 4.97 | -3.7 | 88.3 | -20.32 | -.86 | .53 | -36.115 | -1.521 | .935 |
| 34 | -.24 | 4.90 | -4.3 | 87.2 | -20.67 | -1.01 | .53 | -36.734 | -1.796 | .948 |
| 35 | -.27 | 4.84 | -4.8 | 86.1 | -21.00 | -1.17 | .54 | -37.325 | -2.084 | .961 |
| 36 | -.30 | 4.78 | -5.3 | 84.9 | -21.32 | -1.34 | .55 | -37.890 | -2.386 | .974 |
| 37 | -.33 | 4.72 | -5.9 | 83.8 | -21.62 | -1.52 | .56 | -38.427 | -2.701 | .987 |
| 38 | -.36 | 4.65 | -6.4 | 82.7 | -21.91 | -1.70 | .56 | -38.937 | -3.029 | 1.000 |
| 39 | -.75 | 8.80 | -13.3 | 156.5 | -43.08 | -3.66 | 1.14 | -76.558 | -6.509 | 2.028 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 170 REF PRESS.-51 PSF GUST FACTOR= 1.320 REF. AREA- 200.90 FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -2.09 | 5.70 | -37.1 | 101.4 | -.51 | -.19 | -1.65 | -.912 | -.334 | -2.929 |
| 2 | -1.28 | 5.71 | -22.8 | 101.4 | -1.57 | -.35 | -.68 | -2.785 | -.626 | -1.211 |
| 3 | -2.18 | 3.93 | -38.8 | 69.9 | -1.58 | -.88 | -2.38 | -2.806 | -1.556 | -4.229 |
| 4 | -2.22 | 4.06 | -39.5 | 72.2 | -2.13 | -1.16 | -2.45 | -3.784 | -2.070 | -4.347 |
| 5 | -2.31 | 4.20 | -41.0 | 74.6 | -2.72 | -1.50 | -2.56 | -4.829 | -2.657 | -4.549 |
| 6 | -2.51 | 4.33 | -44.7 | 77.0 | -3.34 | -1.94 | -2.74 | -5.933 | -3.442 | -4.863 |
| 7 | -2.67 | 4.46 | -47.4 | 79.3 | -3.99 | -2.38 | -2.95 | -7.083 | -4.233 | -5.240 |
| 8 | -2.79 | 4.58 | -49.6 | 81.5 | -4.66 | -2.84 | -3.18 | -8.281 | -5.045 | -5.648 |
| 9 | -3.61 | 5.88 | -64.1 | 104.4 | -6.78 | -4.16 | -4.26 | -12.054 | -7.399 | -7.563 |
| 10 | -1.24 | 4.34 | -22.0 | 77.1 | -5.48 | -1.56 | -1.28 | -9.731 | -2.776 | -2.283 |
| 11 | -1.21 | 4.53 | -21.5 | 80.5 | -6.27 | -1.68 | -1.29 | -11.147 | -2.977 | -2.286 |
| 12 | -1.18 | 4.68 | -21.0 | 83.2 | -7.06 | -1.78 | -1.29 | -12.552 | -3.169 | -2.284 |
| 13 | -1.16 | 4.84 | -20.5 | 86.0 | -7.89 | -1.88 | -1.28 | -14.025 | -3.349 | -2.282 |
| 14 | -1.13 | 4.95 | -20.2 | 88.0 | -8.69 | -1.99 | -1.30 | -15.441 | -3.537 | -2.315 |
| 15 | -1.13 | 4.98 | -20.0 | 88.5 | -9.35 | -2.12 | -1.36 | -16.625 | -3.761 | -2.419 |
| 16 | -1.12 | 5.01 | -19.9 | 89.1 | -10.03 | -2.24 | -1.42 | -17.822 | -3.982 | -2.523 |
| 17 | -1.31 | 6.30 | -23.3 | 112.0 | -13.47 | -2.80 | -1.82 | -23.942 | -4.980 | -3.242 |
| 18 | .58 | 4.39 | 10.3 | 78.1 | -9.87 | 1.30 | .29 | -17.547 | 2.306 | .524 |
| 19 | .64 | 4.50 | 11.3 | 80.0 | -10.66 | 1.51 | .32 | -18.950 | 2.681 | .575 |
| 20 | .68 | 4.56 | 12.1 | 81.0 | -11.36 | 1.70 | .33 | -20.194 | 3.017 | .593 |
| 21 | .73 | 4.61 | 12.9 | 82.0 | -12.06 | 1.90 | .35 | -21.442 | 3.373 | .615 |
| 22 | .77 | 4.66 | 13.7 | 82.9 | -12.77 | 2.11 | .36 | -22.699 | 3.747 | .639 |
| 23 | .82 | 4.72 | 14.6 | 83.8 | -13.50 | 2.35 | .38 | -23.992 | 4.181 | .667 |
| 24 | .87 | 4.78 | 15.4 | 84.9 | -14.26 | 2.59 | .38 | -25.346 | 4.600 | .683 |
| 25 | .91 | 4.84 | 16.2 | 86.0 | -15.04 | 2.84 | .39 | -26.727 | 5.040 | .700 |
| 26 | .94 | 4.87 | 16.7 | 86.5 | -15.72 | 3.03 | .40 | -27.947 | 5.384 | .709 |
| 27 | .96 | 4.89 | 17.1 | 86.9 | -16.41 | 3.22 | .40 | -29.156 | 5.724 | .717 |
| 28 | .98 | 4.92 | 17.5 | 87.4 | -17.09 | 3.42 | .41 | -30.376 | 6.074 | .725 |
| 29 | 1.01 | 4.94 | 17.9 | 87.8 | -17.78 | 3.62 | .41 | -31.606 | 6.435 | .733 |
| 30 | 1.03 | 4.96 | 18.3 | 88.2 | -18.48 | 3.83 | .42 | -32.847 | 6.805 | .741 |
| 31 | 1.05 | 4.99 | 18.7 | 88.7 | -19.19 | 4.04 | .42 | -34.099 | 7.185 | .749 |
| 32 | 1.07 | 5.01 | 19.1 | 89.1 | -19.90 | 4.26 | .43 | -35.361 | 7.575 | .758 |
| 33 | 1.04 | 4.95 | 18.5 | 88.0 | -20.25 | 4.26 | .45 | -35.998 | 7.577 | .798 |
| 34 | .99 | 4.86 | 17.7 | 86.4 | -20.49 | 4.19 | .48 | -36.420 | 7.448 | .848 |
| 35 | .95 | 4.77 | 16.8 | 84.8 | -20.71 | 4.11 | .50 | -36.803 | 7.298 | .897 |
| 36 | .90 | 4.69 | 16.0 | 83.3 | -20.90 | 4.01 | .53 | -37.148 | 7.127 | .947 |
| 37 | .85 | 4.60 | 15.1 | 81.7 | -21.07 | 3.90 | .56 | -37.455 | 6.935 | .996 |
| 38 | .80 | 4.51 | 14.3 | 80.1 | -21.23 | 3.78 | .59 | -37.723 | 6.723 | 1.046 |
| 39 | 1.43 | 8.61 | 25.4 | 153.0 | -42.13 | 6.99 | 1.21 | -74.868 | 12.425 | 2.158 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 180 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -1.17 | 5.37 | -20.7 | 95.5 | -.48 | -.10 | -.92 | -.860 | -.186 | -1.626 |
| 2 | -.54 | 5.36 | -9.7 | 95.2 | -1.47 | -.15 | -.13 | -2.615 | -.265 | -.240 |
| 3 | -1.50 | 3.84 | -26.6 | 68.2 | -1.54 | -.60 | -1.90 | -2.738 | -1.069 | -3.385 |
| 4 | -1.43 | 3.98 | -25.4 | 70.8 | -2.09 | -.75 | -1.97 | -3.714 | -1.333 | -3.498 |
| 5 | -1.41 | 4.15 | -25.1 | 73.8 | -2.69 | -.91 | -2.08 | -4.776 | -1.625 | -3.694 |
| 6 | -1.53 | 4.32 | -27.2 | 76.7 | -3.33 | -1.18 | -2.25 | -5.910 | -2.092 | -3.998 |
| 7 | -1.58 | 4.41 | -28.1 | 78.4 | -3.94 | -1.41 | -2.45 | -7.008 | -2.508 | -4.358 |
| 8 | -1.60 | 4.48 | -28.4 | 79.6 | -4.55 | -1.63 | -2.67 | -8.090 | -2.892 | -4.745 |
| 9 | -1.97 | 5.65 | -34.9 | 100.4 | -6.52 | -2.27 | -3.57 | -11.582 | -4.032 | -6.353 |
| 10 | -.80 | 4.17 | -14.2 | 74.0 | -5.26 | -1.01 | -1.44 | -9.349 | -1.787 | -2.556 |
| 11 | -.61 | 4.42 | -10.9 | 78.6 | -6.13 | -.85 | -1.42 | -10.893 | -1.508 | -2.517 |
| 12 | -.44 | 4.63 | -7.8 | 82.2 | -6.98 | -.66 | -1.39 | -12.405 | -1.178 | -2.465 |
| 13 | -.27 | 4.83 | -4.7 | 85.8 | -7.88 | -.44 | -1.36 | -14.006 | -.774 | -2.412 |
| 14 | -.20 | 4.98 | -3.6 | 88.5 | -8.74 | -.35 | -1.38 | -15.528 | -.628 | -2.451 |
| 15 | -.36 | 5.02 | -6.5 | 89.1 | -9.42 | -.68 | -1.51 | -16.738 | -1.213 | -2.681 |
| 16 | -.53 | 5.05 | -9.3 | 89.8 | -10.11 | -1.05 | -1.64 | -17.963 | -1.867 | -2.911 |
| 17 | -.86 | 6.36 | -15.3 | 113.0 | -13.59 | -1.84 | -2.21 | -24.159 | -3.261 | -3.936 |
| 18 | .24 | 4.32 | 4.2 | 76.8 | -9.71 | .53 | -.26 | -17.255 | .944 | -.455 |
| 19 | .22 | 4.47 | 4.0 | 79.5 | -10.60 | .53 | -.23 | -18.837 | .941 | -.403 |
| 20 | .18 | 4.54 | 3.2 | 80.7 | -11.32 | .44 | -.23 | -20.114 | .791 | -.402 |
| 21 | .13 | 4.61 | 2.4 | 81.9 | -12.05 | .35 | -.23 | -21.415 | .621 | -.400 |
| 22 | .09 | 4.67 | 1.6 | 83.0 | -12.80 | .24 | -.22 | -22.741 | .432 | -.398 |
| 23 | .03 | 4.73 | .6 | 84.1 | -13.55 | .10 | -.23 | -24.076 | .170 | -.401 |
| 24 | -.03 | 4.79 | -.5 | 85.0 | -14.28 | -.09 | -.23 | -25.381 | -.154 | -.401 |
| 25 | -.09 | 4.84 | -1.6 | 85.9 | -15.03 | -.28 | -.23 | -26.709 | -.505 | -.401 |
| 26 | -.15 | 4.88 | -2.7 | 86.8 | -15.78 | -.50 | -.23 | -28.042 | -.884 | -.417 |
| 27 | -.22 | 4.93 | -3.8 | 87.6 | -16.54 | -.73 | -.24 | -29.393 | -1.290 | -.435 |
| 28 | -.28 | 4.98 | -5.0 | 88.5 | -17.31 | -.97 | -.26 | -30.766 | -1.723 | -.453 |
| 29 | -.34 | 5.03 | -6.1 | 89.3 | -18.10 | -1.23 | -.27 | -32.159 | -2.184 | -.471 |
| 30 | -.40 | 5.07 | -7.2 | 90.2 | -18.89 | -1.50 | -.28 | -33.574 | -2.672 | -.490 |
| 31 | -.47 | 5.12 | -8.3 | 91.0 | -19.70 | -1.79 | -.29 | -35.009 | -3.188 | -.508 |
| 32 | -.53 | 5.17 | -9.4 | 91.9 | -20.52 | -2.10 | -.30 | -36.465 | -3.731 | -.526 |
| 33 | -.53 | 5.11 | -9.5 | 90.9 | -20.92 | -2.18 | -.30 | -37.175 | -3.876 | -.528 |
| 34 | -.52 | 5.02 | -9.3 | 89.3 | -21.18 | -2.19 | -.30 | -37.634 | -3.899 | -.525 |
| 35 | -.51 | 4.94 | -9.0 | 87.7 | -21.41 | -2.20 | -.29 | -38.055 | -3.916 | -.523 |
| 36 | -.50 | 4.85 | -8.8 | 86.2 | -21.63 | -2.21 | -.29 | -38.438 | -3.928 | -.521 |
| 37 | -.48 | 4.76 | -8.6 | 84.6 | -21.82 | -2.21 | -.29 | -38.782 | -3.934 | -.518 |
| 38 | -.47 | 4.67 | -8.4 | 83.0 | -21.99 | -2.21 | -.29 | -39.087 | -3.934 | -.516 |
| 39 | -.89 | 8.85 | -15.8 | 157.2 | -43.28 | -4.35 | -.57 | -76.911 | -7.728 | -1.004 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 190 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .03 | 6.04 | .6 | 107.3 | -.54 | .00 | -.25 | -.965 | .005 | -.441 |
| 2 | .75 | 6.24 | 13.4 | 110.9 | -1.71 | .21 | .47 | -3.046 | .368 | .835 |
| 3 | -.49 | 4.17 | -8.6 | 74.2 | -1.68 | -.19 | -1.57 | -2.979 | -.346 | -2.794 |
| 4 | -.40 | 4.38 | -7.1 | 77.8 | -2.30 | -.21 | -1.64 | -4.082 | -.371 | -2.914 |
| 5 | -.31 | 4.60 | -5.5 | 81.8 | -2.98 | -.20 | -1.72 | -5.298 | -.356 | -3.056 |
| 6 | -.25 | 4.83 | -4.4 | 85.8 | -3.72 | -.19 | -1.80 | -6.612 | -.338 | -3.196 |
| 7 | -.13 | 4.95 | -2.3 | 87.9 | -4.42 | -.11 | -1.92 | -7.856 | -.202 | -3.410 |
| 8 | .02 | 5.01 | .4 | 89.1 | -5.10 | .02 | -2.06 | -9.059 | .036 | -3.661 |
| 9 | .27 | 6.32 | 4.8 | 112.3 | -7.30 | .31 | -2.72 | -12.965 | .549 | -4.831 |
| 10 | .30 | 4.41 | 5.4 | 78.3 | -5.56 | .38 | -1.22 | -9.886 | .682 | -2.173 |
| 11 | .55 | 4.70 | 9.7 | 83.5 | -6.51 | .76 | -1.19 | -11.567 | 1.345 | -2.116 |
| 12 | .77 | 4.90 | 13.8 | 87.1 | -7.40 | 1.17 | -1.15 | -13.145 | 2.077 | -2.042 |
| 13 | 1.00 | 5.11 | 17.8 | 90.8 | -8.33 | 1.64 | -1.11 | -14.812 | 2.909 | -1.968 |
| 14 | 1.17 | 5.27 | 20.9 | 93.7 | -9.25 | 2.06 | -1.10 | -16.445 | 3.661 | -1.961 |
| 15 | 1.22 | 5.35 | 21.8 | 95.2 | -10.05 | 2.30 | -1.18 | -17.867 | 4.084 | -2.098 |
| 16 | 1.27 | 5.44 | 22.6 | 96.6 | -10.87 | 2.55 | -1.26 | -19.325 | 4.529 | -2.235 |
| 17 | 1.70 | 6.88 | 30.1 | 122.3 | -14.71 | 3.63 | -1.64 | -26.138 | 6.443 | -2.908 |
| 18 | 1.11 | 4.56 | 19.8 | 81.0 | -10.24 | 2.50 | -.48 | -18.197 | 4.440 | -.845 |
| 19 | 1.06 | 4.76 | 18.8 | 84.6 | -11.28 | 2.50 | -.46 | -20.045 | 4.444 | -.810 |
| 20 | .95 | 4.83 | 16.8 | 85.8 | -12.04 | 2.36 | -.47 | -21.397 | 4.198 | -.836 |
| 21 | .84 | 4.89 | 14.9 | 86.9 | -12.78 | 2.20 | -.48 | -22.720 | 3.904 | -.851 |
| 22 | .73 | 4.94 | 13.0 | 87.8 | -13.52 | 2.01 | -.48 | -24.031 | 3.564 | -.861 |
| 23 | .59 | 4.99 | 10.4 | 88.7 | -14.28 | 1.68 | -.51 | -25.375 | 2.986 | -.902 |
| 24 | .44 | 5.05 | 7.9 | 89.7 | -15.06 | 1.32 | -.53 | -26.771 | 2.349 | -.944 |
| 25 | .30 | 5.10 | 5.3 | 90.7 | -15.86 | .93 | -.56 | -28.192 | 1.649 | -.987 |
| 26 | .22 | 5.12 | 3.9 | 91.0 | -16.54 | .71 | -.57 | -29.403 | 1.259 | -1.013 |
| 27 | .15 | 5.13 | 2.6 | 91.2 | -17.21 | .50 | -.58 | -30.592 | .882 | -1.037 |
| 28 | .08 | 5.14 | 1.4 | 91.4 | -17.88 | .27 | -.60 | -31.785 | .474 | -1.061 |
| 29 | .01 | 5.16 | .1 | 91.6 | -18.56 | .02 | -.61 | -32.984 | .035 | -1.085 |
| 30 | -.07 | 5.17 | -1.2 | 91.8 | -19.24 | -.25 | -.62 | -34.188 | -.436 | -1.109 |
| 31 | -.14 | 5.18 | -2.4 | 92.0 | -19.92 | -.53 | -.64 | -35.397 | -.937 | -1.133 |
| 32 | -.21 | 5.19 | -3.7 | 92.3 | -20.60 | -.83 | -.65 | -36.612 | -1.470 | -1.157 |
| 33 | -.20 | 5.12 | -3.5 | 91.0 | -20.95 | -.80 | -.65 | -37.228 | -1.427 | -1.154 |
| 34 | -.16 | 5.02 | -2.8 | 89.3 | -21.18 | -.68 | -.64 | -37.637 | -1.201 | -1.142 |
| 35 | -.12 | 4.93 | -2.2 | 87.6 | -21.38 | -.54 | -.64 | -38.004 | -.958 | -1.131 |
| 36 | -.09 | 4.84 | -1.6 | 85.9 | -21.57 | -.39 | -.63 | -38.330 | -.700 | -1.119 |
| 37 | -.05 | 4.74 | -.9 | 84.2 | -21.73 | -.24 | -.62 | -38.614 | -.426 | -1.108 |
| 38 | -.02 | 4.65 | -.3 | 82.6 | -21.86 | -.08 | -.62 | -38.856 | -.137 | -1.096 |
| 39 | .04 | 8.80 | .7 | 156.3 | -43.04 | .18 | -1.20 | -76.487 | .328 | -2.136 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 200 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.82 | 6.54 | 32.3 | 116.2 | -.59 | .16 | .35 | -1.046 | .291 | .625 |
| 2 | 2.44 | 6.72 | 43.4 | 119.4 | -1.85 | .67 | .92 | -3.280 | 1.192 | 1.633 |
| 3 | 1.03 | 4.04 | 18.3 | 71.7 | -1.62 | .41 | -1.04 | -2.881 | .735 | -1.849 |
| 4 | 1.20 | 4.27 | 21.4 | 76.0 | -2.24 | .63 | -1.05 | -3.985 | 1.123 | -1.867 |
| 5 | 1.41 | 4.53 | 25.0 | 80.5 | -2.93 | .91 | -1.06 | -5.211 | 1.622 | -1.879 |
| 6 | 1.64 | 4.78 | 29.1 | 85.0 | -3.68 | 1.26 | -1.03 | -6.549 | 2.243 | -1.837 |
| 7 | 1.87 | 4.89 | 33.3 | 86.9 | -4.37 | 1.67 | -1.07 | -7.768 | 2.973 | -1.903 |
| 8 | 2.11 | 4.93 | 37.5 | 87.6 | -5.01 | 2.14 | -1.14 | -8.908 | 3.809 | -2.023 |
| 9 | 2.95 | 6.15 | 52.4 | 109.4 | -7.10 | 3.40 | -1.49 | -12.621 | 6.043 | -2.641 |
| 10 | 2.07 | 4.17 | 36.7 | 74.1 | -5.27 | 2.61 | -.71 | -9.357 | 4.636 | -1.260 |
| 11 | 2.27 | 4.50 | 40.4 | 80.0 | -6.24 | 3.15 | -.73 | -11.084 | 5.600 | -1.290 |
| 12 | 2.46 | 4.72 | 43.7 | 83.8 | -7.11 | 3.71 | -.74 | -12.642 | 6.594 | -1.307 |
| 13 | 2.64 | 4.93 | 47.0 | 87.6 | -8.04 | 4.31 | -.75 | -14.294 | 7.669 | -1.325 |
| 14 | 2.83 | 5.12 | 50.2 | 91.0 | -8.98 | 4.96 | -.75 | -15.962 | 8.811 | -1.329 |
| 15 | 3.00 | 5.26 | 53.3 | 93.4 | -9.87 | 5.63 | -.73 | -17.541 | 10.000 | -1.302 |
| 16 | 3.17 | 5.39 | 56.3 | 95.9 | -10.79 | 6.34 | -.72 | -19.180 | 11.264 | -1.275 |
| 17 | 4.16 | 6.87 | 73.8 | 122.2 | -14.70 | 8.88 | -.86 | -26.123 | 15.789 | -1.532 |
| 18 | 2.68 | 4.67 | 47.7 | 83.1 | -10.50 | 6.03 | -.31 | -18.661 | 10.717 | -.542 |
| 19 | 2.62 | 4.95 | 46.5 | 87.9 | -11.72 | 6.20 | -.28 | -20.835 | 11.016 | -.495 |
| 20 | 2.50 | 5.01 | 44.4 | 89.1 | -12.50 | 6.23 | -.31 | -22.215 | 11.067 | -.549 |
| 21 | 2.38 | 5.07 | 42.3 | 90.1 | -13.26 | 6.23 | -.33 | -23.562 | 11.067 | -.593 |
| 22 | 2.26 | 5.11 | 40.2 | 90.9 | -14.01 | 6.20 | -.35 | -24.894 | 11.016 | -.630 |
| 23 | 2.13 | 5.16 | 37.8 | 91.8 | -14.78 | 6.08 | -.39 | -26.264 | 10.809 | -.686 |
| 24 | 2.01 | 5.22 | 35.7 | 92.8 | -15.59 | 6.00 | -.41 | -27.704 | 10.657 | -.732 |
| 25 | 1.89 | 5.28 | 33.6 | 93.9 | -16.41 | 5.88 | -.44 | -29.169 | 10.453 | -.777 |
| 26 | 1.84 | 5.29 | 32.7 | 94.0 | -17.08 | 5.94 | -.44 | -30.352 | 10.565 | -.787 |
| 27 | 1.80 | 5.29 | 31.9 | 93.9 | -17.72 | 6.02 | -.45 | -31.499 | 10.700 | -.793 |
| 28 | 1.75 | 5.28 | 31.1 | 93.9 | -18.37 | 6.09 | -.45 | -32.645 | 10.816 | -.799 |
| 29 | 1.71 | 5.28 | 30.3 | 93.9 | -19.01 | 6.14 | -.45 | -33.791 | 10.912 | -.805 |
| 30 | 1.66 | 5.28 | 29.5 | 93.8 | -19.66 | 6.18 | -.46 | -34.935 | 10.988 | -.811 |
| 31 | 1.62 | 5.28 | 28.7 | 93.8 | -20.30 | 6.21 | -.46 | -36.080 | 11.045 | -.817 |
| 32 | 1.57 | 5.28 | 27.9 | 93.8 | -20.94 | 6.24 | -.46 | -37.223 | 11.082 | -.823 |
| 33 | 1.52 | 5.21 | 27.0 | 92.6 | -21.31 | 6.21 | -.47 | -37.868 | 11.042 | -.838 |
| 34 | 1.46 | 5.12 | 26.0 | 91.0 | -21.57 | 6.17 | -.48 | -38.335 | 10.961 | -.856 |
| 35 | 1.41 | 5.03 | 25.0 | 89.4 | -21.81 | 6.11 | -.49 | -38.762 | 10.856 | -.874 |
| 36 | 1.35 | 4.94 | 24.0 | 87.8 | -22.03 | 6.04 | -.50 | -39.151 | 10.726 | -.892 |
| 37 | 1.30 | 4.85 | 23.1 | 86.2 | -22.23 | 5.95 | -.51 | -39.501 | 10.573 | -.910 |
| 38 | 1.24 | 4.76 | 22.1 | 84.6 | -22.40 | 5.85 | -.52 | -39.811 | 10.396 | -.928 |
| 39 | 2.24 | 8.98 | 39.8 | 159.5 | -43.91 | 10.96 | -1.05 | -78.040 | 19.478 | -1.860 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 210 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.92 | 6.33 | 69.6 | 112.6 | -.57 | .35 | 1.16 | -1.013 | .626 | 2.056 |
| 2 | 4.26 | 6.63 | 75.8 | 117.8 | -1.82 | 1.17 | 1.32 | -3.233 | 2.081 | 2.352 |
| 3 | 2.90 | 3.33 | 51.5 | 59.1 | -1.34 | 1.16 | -.24 | -2.373 | 2.067 | -.424 |
| 4 | 3.09 | 3.49 | 54.9 | 62.0 | -1.83 | 1.62 | -.21 | -3.250 | 2.880 | -.373 |
| 5 | 3.30 | 3.65 | 58.7 | 65.0 | -2.37 | 2.14 | -.18 | -4.206 | 3.801 | -.314 |
| 6 | 3.53 | 3.82 | 62.8 | 67.9 | -2.95 | 2.72 | -.12 | -5.235 | 4.840 | -.217 |
| 7 | 3.76 | 3.93 | 66.8 | 69.9 | -3.51 | 3.36 | -.12 | -6.245 | 5.970 | -.219 |
| 8 | 3.98 | 4.01 | 70.8 | 71.3 | -4.08 | 4.05 | -.15 | -7.251 | 7.192 | -.270 |
| 9 | 5.24 | 5.07 | 93.1 | 90.2 | -5.85 | 6.04 | -.22 | -10.405 | 10.741 | -.393 |
| 10 | 3.54 | 3.53 | 62.8 | 62.7 | -4.46 | 4.46 | -.30 | -7.920 | 7.932 | -.537 |
| 11 | 3.70 | 3.86 | 65.7 | 68.7 | -5.35 | 5.12 | -.31 | -9.517 | 9.103 | -.549 |
| 12 | 3.83 | 4.09 | 68.1 | 72.6 | -6.16 | 5.78 | -.32 | -10.953 | 10.273 | -.561 |
| 13 | 3.97 | 4.31 | 70.5 | 76.5 | -7.02 | 6.47 | -.32 | -12.485 | 11.502 | -.573 |
| 14 | 4.11 | 4.52 | 73.1 | 80.3 | -7.93 | 7.21 | -.32 | -14.090 | 12.821 | -.564 |
| 15 | 4.28 | 4.72 | 76.0 | 83.8 | -8.85 | 8.03 | -.29 | -15.734 | 14.273 | -.514 |
| 16 | 4.44 | 4.91 | 79.0 | 87.3 | -9.83 | 8.89 | -.26 | -17.463 | 15.796 | -.463 |
| 17 | 5.74 | 6.36 | 102.0 | 113.1 | -13.60 | 12.27 | -.28 | -24.172 | 21.809 | -.495 |
| 18 | 3.81 | 4.44 | 67.6 | 78.8 | -9.97 | 8.55 | -.16 | -17.713 | 15.193 | -.276 |
| 19 | 3.78 | 4.74 | 67.2 | 84.2 | -11.22 | 8.96 | -.12 | -19.945 | 15.919 | -.214 |
| 20 | 3.71 | 4.83 | 66.0 | 85.8 | -12.03 | 9.26 | -.14 | -21.376 | 16.450 | -.251 |
| 21 | 3.65 | 4.90 | 64.8 | 87.1 | -12.82 | 9.54 | -.16 | -22.786 | 16.952 | -.278 |
| 22 | 3.58 | 4.97 | 63.6 | 88.3 | -13.61 | 9.80 | -.17 | -24.194 | 17.425 | -.300 |
| 23 | 3.51 | 5.04 | 62.4 | 89.6 | -14.43 | 10.05 | -.18 | -25.644 | 17.855 | -.326 |
| 24 | 3.46 | 5.12 | 61.4 | 91.0 | -15.28 | 10.32 | -.19 | -27.161 | 18.336 | -.345 |
| 25 | 3.40 | 5.20 | 60.5 | 92.4 | -16.16 | 10.57 | -.20 | -28.713 | 18.794 | -.364 |
| 26 | 3.37 | 5.21 | 59.9 | 92.5 | -16.82 | 10.89 | -.21 | -29.894 | 19.351 | -.375 |
| 27 | 3.34 | 5.21 | 59.4 | 92.5 | -17.46 | 11.20 | -.22 | -31.026 | 19.911 | -.385 |
| 28 | 3.31 | 5.20 | 58.8 | 92.5 | -18.09 | 11.51 | -.22 | -32.159 | 20.457 | -.395 |
| 29 | 3.28 | 5.20 | 58.3 | 92.5 | -18.73 | 11.81 | -.23 | -33.291 | 20.990 | -.405 |
| 30 | 3.25 | 5.20 | 57.8 | 92.5 | -19.37 | 12.10 | -.23 | -34.422 | 21.510 | -.415 |
| 31 | 3.22 | 5.20 | 57.3 | 92.5 | -20.00 | 12.39 | -.24 | -35.553 | 22.017 | -.425 |
| 32 | 3.19 | 5.20 | 56.7 | 92.4 | -20.64 | 12.67 | -.24 | -36.684 | 22.511 | -.435 |
| 33 | 3.10 | 5.10 | 55.1 | 90.7 | -20.88 | 12.69 | -.25 | -37.115 | 22.551 | -.436 |
| 34 | 2.99 | 4.98 | 53.2 | 88.5 | -20.99 | 12.62 | -.24 | -37.298 | 22.421 | -.435 |
| 35 | 2.89 | 4.86 | 51.3 | 86.3 | -21.06 | 12.52 | -.24 | -37.427 | 22.244 | -.434 |
| 36 | 2.78 | 4.73 | 49.4 | 84.1 | -21.10 | 12.39 | -.24 | -37.501 | 22.020 | -.433 |
| 37 | 2.67 | 4.61 | 47.4 | 81.9 | -21.11 | 12.24 | -.24 | -37.521 | 21.749 | -.432 |
| 38 | 2.56 | 4.48 | 45.5 | 79.6 | -21.09 | 12.06 | -.24 | -37.486 | 21.430 | -.431 |
| 39 | 4.69 | 8.33 | 83.3 | 148.0 | -40.75 | 22.92 | -.47 | -72.421 | 40.737 | -.830 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 220 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.52 | 4.43 | 98.2 | 78.7 | -.40 | .50 | 2.19 | -.708 | .883 | 3.892 |
| 2 | 5.97 | 4.41 | 106.1 | 78.4 | -1.21 | 1.64 | 2.46 | -2.153 | 2.913 | 4.369 |
| 3 | 4.28 | 2.07 | 76.1 | 36.8 | -.83 | 1.72 | .91 | -1.476 | 3.056 | 1.609 |
| 4 | 4.48 | 2.15 | 79.7 | 38.2 | -1.13 | 2.35 | .94 | -2.001 | 4.179 | 1.662 |
| 5 | 4.71 | 2.24 | 83.6 | 39.8 | -1.45 | 3.05 | .97 | -2.576 | 5.415 | 1.719 |
| 6 | 4.95 | 2.33 | 87.9 | 41.4 | -1.79 | 3.81 | 1.02 | -3.190 | 6.774 | 1.818 |
| 7 | 5.10 | 2.38 | 90.6 | 42.3 | -2.13 | 4.56 | 1.02 | -3.781 | 8.098 | 1.817 |
| 8 | 5.21 | 2.41 | 92.6 | 42.9 | -2.45 | 5.30 | .99 | -4.360 | 9.412 | 1.766 |
| 9 | 6.59 | 3.04 | 117.2 | 54.1 | -3.51 | 7.61 | 1.18 | -6.240 | 13.525 | 2.097 |
| 10 | 4.64 | 2.57 | 82.5 | 45.8 | -3.25 | 5.86 | .20 | -5.777 | 10.413 | .364 |
| 11 | 4.78 | 2.90 | 85.0 | 51.5 | -4.01 | 6.63 | .23 | -7.130 | 11.782 | .407 |
| 12 | 4.89 | 3.10 | 86.9 | 55.0 | -4.67 | 7.38 | .26 | -8.298 | 13.115 | .458 |
| 13 | 5.00 | 3.29 | 88.8 | 58.6 | -5.38 | 8.16 | .29 | -9.553 | 14.495 | .509 |
| 14 | 5.11 | 3.49 | 90.8 | 62.0 | -6.12 | 8.96 | .30 | -10.885 | 15.925 | .536 |
| 15 | 5.22 | 3.68 | 92.7 | 65.4 | -6.91 | 9.79 | .29 | -12.278 | 17.407 | .511 |
| 16 | 5.33 | 3.87 | 94.7 | 68.8 | -7.74 | 10.66 | .27 | -13.754 | 18.937 | .486 |
| 17 | 6.72 | 5.03 | 119.4 | 89.5 | -10.76 | 14.37 | .31 | -19.129 | 25.536 | .557 |
| 18 | 4.53 | 3.73 | 80.5 | 66.3 | -8.38 | 10.18 | -.04 | -14.890 | 18.089 | -.066 |
| 19 | 4.57 | 4.00 | 81.2 | 71.1 | -9.49 | 10.83 | .01 | -16.858 | 19.252 | .018 |
| 20 | 4.57 | 4.09 | 81.3 | 72.6 | -10.18 | 11.40 | .01 | -18.100 | 20.255 | .023 |
| 21 | 4.57 | 4.17 | 81.3 | 74.1 | -10.90 | 11.96 | .02 | -19.369 | 21.259 | .029 |
| 22 | 4.57 | 4.25 | 81.3 | 75.5 | -11.63 | 12.53 | .02 | -20.669 | 22.263 | .036 |
| 23 | 4.60 | 4.33 | 81.7 | 76.9 | -12.39 | 13.16 | .03 | -22.013 | 23.382 | .058 |
| 24 | 4.60 | 4.42 | 81.7 | 78.5 | -13.18 | 13.72 | .03 | -23.420 | 24.383 | .058 |
| 25 | 4.60 | 4.50 | 81.7 | 80.0 | -13.99 | 14.28 | .03 | -24.865 | 25.384 | .059 |
| 26 | 4.57 | 4.50 | 81.3 | 80.0 | -14.54 | 14.77 | .03 | -25.841 | 26.251 | .050 |
| 27 | 4.55 | 4.49 | 80.8 | 79.8 | -15.05 | 15.24 | .02 | -26.753 | 27.090 | .040 |
| 28 | 4.52 | 4.48 | 80.3 | 79.6 | -15.56 | 15.71 | .02 | -27.659 | 27.917 | .030 |
| 29 | 4.49 | 4.46 | 79.8 | 79.3 | -16.07 | 16.17 | .01 | -28.560 | 28.733 | .020 |
| 30 | 4.46 | 4.45 | 79.3 | 79.1 | -16.57 | 16.62 | .01 | -29.456 | 29.536 | .010 |
| 31 | 4.44 | 4.44 | 78.9 | 78.9 | -17.08 | 17.06 | .00 | -30.347 | 30.329 | .001 |
| 32 | 4.41 | 4.43 | 78.4 | 78.7 | -17.57 | 17.50 | -.01 | -31.232 | 31.109 | -.009 |
| 33 | 4.33 | 4.34 | 76.9 | 77.1 | -17.76 | 17.70 | -.00 | -31.562 | 31.463 | -.004 |
| 34 | 4.23 | 4.23 | 75.1 | 75.2 | -17.83 | 17.81 | .00 | -31.692 | 31.658 | .006 |
| 35 | 4.13 | 4.12 | 73.3 | 73.3 | -17.88 | 17.90 | .01 | -31.775 | 31.810 | .015 |
| 36 | 4.03 | 4.01 | 71.6 | 71.3 | -17.90 | 17.96 | .01 | -31.810 | 31.917 | .025 |
| 37 | 3.93 | 3.90 | 69.8 | 69.4 | -17.89 | 17.99 | .02 | -31.796 | 31.981 | .035 |
| 38 | 3.83 | 3.79 | 68.0 | 67.4 | -17.86 | 18.01 | .02 | -31.735 | 32.001 | .044 |
| 39 | 7.03 | 7.03 | 125.0 | 125.0 | -34.41 | 34.41 | .06 | -61.154 | 61.159 | .106 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 230 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.44 | 3.41 | 149.9 | 60.6 | -.31 | .76 | 4.25 | -.546 | 1.349 | 7.556 |
| 2 | 9.55 | 3.32 | 169.8 | 58.9 | -.91 | 2.62 | 5.19 | -1.618 | 4.662 | 9.227 |
| 3 | 5.22 | 1.47 | 92.8 | 26.1 | -.59 | 2.10 | 1.31 | -1.049 | 3.727 | 2.329 |
| 4 | 5.43 | 1.50 | 96.5 | 26.6 | -.79 | 2.85 | 1.40 | -1.398 | 5.060 | 2.483 |
| 5 | 5.68 | 1.53 | 100.9 | 27.3 | -.99 | 3.68 | 1.49 | -1.765 | 6.536 | 2.651 |
| 6 | 5.99 | 1.57 | 106.5 | 27.9 | -1.21 | 4.62 | 1.62 | -2.149 | 8.203 | 2.881 |
| 7 | 6.10 | 1.70 | 108.3 | 30.2 | -1.52 | 5.45 | 1.66 | -2.700 | 9.680 | 2.950 |
| 8 | 6.10 | 1.88 | 108.5 | 33.4 | -1.91 | 6.20 | 1.65 | -3.393 | 11.024 | 2.940 |
| 9 | 7.56 | 2.62 | 134.4 | 46.6 | -3.02 | 8.73 | 2.00 | -5.372 | 15.509 | 3.549 |
| 10 | 5.07 | 2.05 | 90.1 | 36.4 | -2.59 | 6.40 | .68 | -4.595 | 11.370 | 1.216 |
| 11 | 5.16 | 2.29 | 91.8 | 40.6 | -3.17 | 7.16 | .73 | -5.630 | 12.718 | 1.296 |
| 12 | 5.23 | 2.41 | 92.9 | 42.8 | -3.63 | 7.89 | .78 | -6.453 | 14.019 | 1.378 |
| 13 | 5.29 | 2.53 | 94.1 | 44.9 | -4.12 | 8.64 | .82 | -7.328 | 15.348 | 1.461 |
| 14 | 5.34 | 2.65 | 94.8 | 47.1 | -4.65 | 9.36 | .83 | -8.257 | 16.639 | 1.469 |
| 15 | 5.33 | 2.77 | 94.8 | 49.2 | -5.20 | 10.01 | .74 | -9.242 | 17.797 | 1.318 |
| 16 | 5.33 | 2.89 | 94.7 | 51.4 | -5.78 | 10.66 | .66 | -10.281 | 18.954 | 1.168 |
| 17 | 6.58 | 3.76 | 116.9 | 66.9 | -8.05 | 14.07 | .67 | -14.303 | 24.998 | 1.193 |
| 18 | 4.54 | 2.51 | 80.7 | 44.7 | -5.65 | 10.20 | .17 | -10.036 | 18.133 | .300 |
| 19 | 4.67 | 2.66 | 83.1 | 47.3 | -6.31 | 11.08 | .21 | -11.208 | 19.686 | .378 |
| 20 | 4.77 | 2.67 | 84.7 | 47.4 | -6.65 | 11.88 | .23 | -11.823 | 21.119 | .413 |
| 21 | 4.86 | 2.69 | 86.4 | 47.9 | -7.04 | 12.71 | .24 | -12.520 | 22.592 | .432 |
| 22 | 4.95 | 2.73 | 88.0 | 48.5 | -7.47 | 13.56 | .25 | -13.275 | 24.105 | .440 |
| 23 | 5.06 | 2.76 | 90.0 | 49.0 | -7.90 | 14.49 | .26 | -14.035 | 25.757 | .466 |
| 24 | 5.15 | 2.79 | 91.6 | 49.5 | -8.32 | 15.37 | .27 | -14.783 | 27.325 | .478 |
| 25 | 5.24 | 2.81 | 93.1 | 50.0 | -8.75 | 16.28 | .28 | -15.542 | 28.931 | .489 |
| 26 | 5.24 | 2.84 | 93.1 | 50.4 | -9.16 | 16.91 | .27 | -16.284 | 30.062 | .481 |
| 27 | 5.22 | 2.86 | 92.8 | 50.8 | -9.58 | 17.51 | .26 | -17.031 | 31.127 | .471 |
| 28 | 5.21 | 2.88 | 92.6 | 51.2 | -10.01 | 18.11 | .26 | -17.788 | 32.186 | .460 |
| 29 | 5.20 | 2.90 | 92.3 | 51.5 | -10.44 | 18.70 | .25 | -18.554 | 33.239 | .450 |
| 30 | 5.18 | 2.92 | 92.1 | 51.9 | -10.88 | 19.29 | .25 | -19.330 | 34.286 | .439 |
| 31 | 5.17 | 2.94 | 91.9 | 52.3 | -11.32 | 19.88 | .24 | -20.115 | 35.327 | .429 |
| 32 | 5.16 | 2.96 | 91.6 | 52.7 | -11.76 | 20.46 | .24 | -20.909 | 36.363 | .419 |
| 33 | 5.06 | 2.94 | 89.9 | 52.2 | -12.01 | 20.69 | .23 | -21.350 | 36.768 | .411 |
| 34 | 4.93 | 2.89 | 87.7 | 51.4 | -12.19 | 20.79 | .23 | -21.673 | 36.945 | .403 |
| 35 | 4.81 | 2.85 | 85.5 | 50.7 | -12.37 | 20.86 | .22 | -21.977 | 37.068 | .396 |
| 36 | 4.68 | 2.81 | 83.3 | 49.9 | -12.53 | 20.90 | .22 | -22.262 | 37.137 | .389 |
| 37 | 4.56 | 2.77 | 81.1 | 49.2 | -12.68 | 20.90 | .21 | -22.528 | 37.152 | .382 |
| 38 | 4.44 | 2.72 | 78.9 | 48.4 | -12.82 | 20.88 | .21 | -22.776 | 37.113 | .374 |
| 39 | 8.20 | 5.11 | 145.7 | 90.8 | -24.99 | 40.12 | .43 | -44.414 | 71.298 | .769 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 240 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.61 | 2.37 | 153.0 | 42.1 | -.21 | .78 | 4.22 | -.379 | 1.377 | 7.499 |
| 2 | 9.58 | 2.28 | 170.2 | 40.6 | -.63 | 2.63 | 5.07 | -1.115 | 4.673 | 9.005 |
| 3 | 5.22 | .84 | 92.8 | 14.9 | -.34 | 2.10 | 1.51 | -.599 | 3.727 | 2.683 |
| 4 | 5.36 | .86 | 95.2 | 15.4 | -.45 | 2.81 | 1.57 | -.806 | 4.995 | 2.786 |
| 5 | 5.53 | .90 | 98.3 | 16.0 | -.58 | 3.58 | 1.62 | -1.034 | 6.364 | 2.887 |
| 6 | 5.74 | .93 | 102.1 | 16.6 | -.72 | 4.43 | 1.71 | -1.278 | 7.866 | 3.033 |
| 7 | 5.72 | 1.01 | 101.7 | 18.0 | -.90 | 5.11 | 1.79 | -1.607 | 9.089 | 3.174 |
| 8 | 5.59 | 1.11 | 99.3 | 19.8 | -1.13 | 5.68 | 1.86 | -2.012 | 10.095 | 3.311 |
| 9 | 6.72 | 1.52 | 119.5 | 27.1 | -1.76 | 7.76 | 2.39 | -3.125 | 13.788 | 4.255 |
| 10 | 4.70 | 1.34 | 83.4 | 23.8 | -1.69 | 5.93 | 1.02 | -3.005 | 10.535 | 1.806 |
| 11 | 4.82 | 1.52 | 85.7 | 27.0 | -2.10 | 6.68 | 1.02 | -3.739 | 11.869 | 1.815 |
| 12 | 4.93 | 1.62 | 87.7 | 28.8 | -2.45 | 7.44 | 1.02 | -4.351 | 13.228 | 1.817 |
| 13 | 5.05 | 1.73 | 89.7 | 30.7 | -2.82 | 8.24 | 1.02 | -5.009 | 14.637 | 1.818 |
| 14 | 5.15 | 1.80 | 91.6 | 31.9 | -3.15 | 9.04 | 1.03 | -5.602 | 16.067 | 1.822 |
| 15 | 5.24 | 1.79 | 93.1 | 31.8 | -3.36 | 9.83 | 1.03 | -5.977 | 17.478 | 1.831 |
| 16 | 5.32 | 1.79 | 94.6 | 31.7 | -3.57 | 10.65 | 1.04 | -6.349 | 18.926 | 1.840 |
| 17 | 6.70 | 2.25 | 119.0 | 40.0 | -4.82 | 14.32 | 1.24 | -8.561 | 25.448 | 2.203 |
| 18 | 4.65 | 1.38 | 82.6 | 24.5 | -3.10 | 10.44 | .40 | -5.515 | 18.559 | .705 |
| 19 | 4.79 | 1.48 | 85.2 | 26.3 | -3.51 | 11.36 | .42 | -6.243 | 20.188 | .738 |
| 20 | 4.89 | 1.50 | 86.8 | 26.6 | -3.73 | 12.18 | .43 | -6.626 | 21.642 | .757 |
| 21 | 4.98 | 1.51 | 88.5 | 26.8 | -3.95 | 13.02 | .43 | -7.019 | 23.136 | .771 |
| 22 | 5.07 | 1.52 | 90.1 | 27.1 | -4.17 | 13.88 | .44 | -7.419 | 24.671 | .782 |
| 23 | 5.17 | 1.54 | 91.8 | 27.3 | -4.40 | 14.78 | .45 | -7.812 | 26.274 | .802 |
| 24 | 5.24 | 1.54 | 93.2 | 27.4 | -4.60 | 15.64 | .46 | -8.173 | 27.803 | .810 |
| 25 | 5.32 | 1.55 | 94.5 | 27.5 | -4.80 | 16.52 | .46 | -8.537 | 29.364 | .818 |
| 26 | 5.34 | 1.56 | 94.8 | 27.7 | -5.03 | 17.24 | .47 | -8.941 | 30.636 | .830 |
| 27 | 5.35 | 1.57 | 95.1 | 27.9 | -5.26 | 17.94 | .47 | -9.355 | 31.875 | .841 |
| 28 | 5.36 | 1.58 | 95.3 | 28.1 | -5.50 | 18.64 | .48 | -9.775 | 33.120 | .853 |
| 29 | 5.37 | 1.59 | 95.5 | 28.3 | -5.74 | 19.34 | .49 | -10.200 | 34.370 | .864 |
| 30 | 5.38 | 1.61 | 95.7 | 28.6 | -5.98 | 20.05 | .49 | -10.630 | 35.626 | .876 |
| 31 | 5.40 | 1.62 | 95.9 | 28.8 | -6.23 | 20.75 | .50 | -11.066 | 36.886 | .887 |
| 32 | 5.41 | 1.63 | 96.1 | 29.0 | -6.47 | 21.47 | .51 | -11.508 | 38.153 | .899 |
| 33 | 5.32 | 1.61 | 94.5 | 28.7 | -6.60 | 21.76 | .51 | -11.725 | 38.677 | .899 |
| 34 | 5.20 | 1.58 | 92.4 | 28.2 | -6.68 | 21.91 | .50 | -11.868 | 38.941 | .895 |
| 35 | 5.08 | 1.56 | 90.3 | 27.7 | -6.75 | 22.03 | .50 | -11.998 | 39.153 | .892 |
| 36 | 4.96 | 1.53 | 88.1 | 27.2 | -6.82 | 22.12 | .50 | -12.115 | 39.313 | .889 |
| 37 | 4.84 | 1.50 | 86.0 | 26.7 | -6.88 | 22.18 | .50 | -12.220 | 39.420 | .885 |
| 38 | 4.72 | 1.47 | 83.9 | 26.2 | -6.93 | 22.21 | .50 | -12.314 | 39.475 | .882 |
| 39 | 8.80 | 2.82 | 156.5 | 50.0 | -13.77 | 43.07 | .96 | -24.480 | 76.550 | 1.712 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 250 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.49 | .97 | 133.2 | 17.2 | -.09 | .67 | 3.79 | -.155 | 1.199 | 6.743 |
| 2 | 8.23 | .82 | 146.2 | 14.6 | -.23 | 2.26 | 4.39 | -.401 | 4.015 | 7.796 |
| 3 | 4.55 | .04 | 80.9 | .8 | -.02 | 1.83 | 1.39 | -.031 | 3.247 | 2.472 |
| 4 | 4.54 | .08 | 80.7 | 1.4 | -.04 | 2.38 | 1.42 | -.072 | 4.233 | 2.527 |
| 5 | 4.57 | .12 | 81.2 | 2.1 | -.08 | 2.96 | 1.48 | -.134 | 5.260 | 2.623 |
| 6 | 4.67 | .16 | 82.9 | 2.8 | -.12 | 3.60 | 1.59 | -.213 | 6.391 | 2.820 |
| 7 | 4.62 | .16 | 82.1 | 2.8 | -.14 | 4.13 | 1.74 | -.254 | 7.335 | 3.092 |
| 8 | 4.50 | .15 | 80.0 | 2.6 | -.15 | 4.58 | 1.91 | -.266 | 8.133 | 3.402 |
| 9 | 5.42 | .15 | 96.3 | 2.7 | -.18 | 6.25 | 2.62 | -.315 | 11.110 | 4.649 |
| 10 | 4.40 | .58 | 78.2 | 10.3 | -.73 | 5.55 | 1.18 | -1.301 | 9.872 | 2.102 |
| 11 | 4.55 | .72 | 80.8 | 12.8 | -1.00 | 6.30 | 1.17 | -1.774 | 11.197 | 2.075 |
| 12 | 4.68 | .80 | 83.2 | 14.2 | -1.20 | 7.06 | 1.14 | -2.140 | 12.555 | 2.034 |
| 13 | 4.82 | .88 | 85.6 | 15.6 | -1.43 | 7.86 | 1.12 | -2.540 | 13.973 | 1.994 |
| 14 | 4.93 | .87 | 87.6 | 15.5 | -1.53 | 8.65 | 1.15 | -2.727 | 15.377 | 2.037 |
| 15 | 4.99 | .71 | 88.8 | 12.5 | -1.33 | 9.38 | 1.27 | -2.355 | 16.664 | 2.260 |
| 16 | 5.06 | .54 | 89.9 | 9.5 | -1.07 | 10.12 | 1.40 | -1.909 | 17.979 | 2.483 |
| 17 | 6.37 | .58 | 113.1 | 10.2 | -1.23 | 13.61 | 1.81 | -2.187 | 24.189 | 3.224 |
| 18 | 4.65 | .43 | 82.7 | 7.7 | -.97 | 10.45 | .57 | -1.728 | 18.569 | 1.012 |
| 19 | 4.77 | .44 | 84.8 | 7.8 | -1.03 | 11.30 | .57 | -1.838 | 20.086 | 1.019 |
| 20 | 4.84 | .38 | 86.0 | 6.7 | -.95 | 12.06 | .58 | -1.681 | 21.435 | 1.028 |
| 21 | 4.91 | .31 | 87.2 | 5.5 | -.81 | 12.84 | .59 | -1.446 | 22.814 | 1.044 |
| 22 | 4.98 | .24 | 88.5 | 4.2 | -.65 | 13.63 | .60 | -1.149 | 24.223 | 1.063 |
| 23 | 5.03 | .16 | 89.4 | 2.9 | -.47 | 14.39 | .60 | -.837 | 25.570 | 1.070 |
| 24 | 5.10 | .10 | 90.6 | 1.8 | -.31 | 15.21 | .61 | -.546 | 27.035 | 1.081 |
| 25 | 5.17 | .04 | 91.8 | .7 | -.13 | 16.05 | .61 | -.228 | 28.529 | 1.092 |
| 26 | 5.19 | .04 | 92.2 | .7 | -.12 | 16.75 | .62 | -.218 | 29.777 | 1.096 |
| 27 | 5.20 | .04 | 92.4 | .7 | -.14 | 17.44 | .62 | -.249 | 31.000 | 1.099 |
| 28 | 5.22 | .05 | 92.7 | .8 | -.16 | 18.13 | .62 | -.282 | 32.228 | 1.102 |
| 29 | 5.23 | .05 | 93.0 | .9 | -.18 | 18.83 | .62 | -.316 | 33.464 | 1.106 |
| 30 | 5.25 | .05 | 93.2 | .9 | -.20 | 19.53 | .62 | -.352 | 34.705 | 1.109 |
| 31 | 5.26 | .06 | 93.5 | 1.0 | -.22 | 20.23 | .63 | -.390 | 35.954 | 1.112 |
| 32 | 5.28 | .06 | 93.8 | 1.1 | -.24 | 20.94 | .63 | -.429 | 37.209 | 1.116 |
| 33 | 5.23 | .08 | 92.9 | 1.4 | -.33 | 21.39 | .63 | -.580 | 38.012 | 1.121 |
| 34 | 5.16 | .10 | 91.7 | 1.8 | -.43 | 21.75 | .63 | -.771 | 38.661 | 1.127 |
| 35 | 5.10 | .13 | 90.6 | 2.2 | -.55 | 22.10 | .64 | -.972 | 39.280 | 1.133 |
| 36 | 5.03 | .15 | 89.4 | 2.7 | -.67 | 22.43 | .64 | -1.183 | 39.871 | 1.139 |
| 37 | 4.96 | .17 | 88.2 | 3.1 | -.79 | 22.75 | .64 | -1.405 | 40.433 | 1.145 |
| 38 | 4.90 | .20 | 87.0 | 3.5 | -.92 | 23.05 | .65 | -1.636 | 40.966 | 1.152 |
| 39 | 9.25 | .52 | 164.3 | 9.3 | -2.56 | 45.23 | 1.27 | -4.547 | 80.389 | 2.260 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 260 REF. PRESS.-51.PSF GUST FACTOR= 1 320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.25 | -1.52 | 93.4 | -27.1 | .14 | .47 | 2.84 | .244 | .841 | 5.044 |
| 2 | 5.81 | -1.66 | 103.3 | -29.5 | .46 | 1.60 | 3.12 | .809 | 2.835 | 5.554 |
| 3 | 3.69 | -1.32 | 65.5 | -23.5 | .53 | 1.48 | 1.62 | .944 | 2.631 | 2.877 |
| 4 | 3.63 | -1.33 | 64 5 | -23.6 | .70 | 1.90 | 1.64 | 1.240 | 3.385 | 2.920 |
| 5 | 3.56 | -1.34 | 63.2 | -23.8 | .87 | 2.30 | 1.68 | 1.541 | 4.095 | 2.980 |
| 6 | 3.46 | -1.35 | 61.5 | -24.0 | 1.04 | 2.66 | 1.72 | 1.846 | 4.735 | 3.059 |
| 7 | 3.32 | -1.43 | 59.0 | -25.5 | 1.28 | 2.97 | 1.82 | 2.275 | 5.270 | 3.240 |
| 8 | 3.16 | -1.55 | 56.2 | -27.6 | 1.58 | 3.21 | 1.95 | 2.808 | 5.709 | 3.471 |
| 9 | 3.70 | -2.13 | 65.8 | -37.8 | 2.45 | 4.27 | 2.64 | 4.362 | 7.590 | 4.696 |
| 10 | 4.21 | -.33 | 74.9 | -5.9 | .42 | 5.32 | 1.09 | .740 | 9.456 | 1.939 |
| 11 | 4.24 | -.22 | 75.4 | -3.8 | .30 | 5.88 | 1.09 | .532 | 10.452 | 1.935 |
| 12 | 4.26 | -.14 | 75.7 | -2.4 | .21 | 6.43 | 1.08 | .369 | 11.424 | 1.925 |
| 13 | 4.28 | -.06 | 76.0 | -1.1 | .10 | 6.98 | 1.08 | .172 | 12.403 | 1.916 |
| 14 | 4.29 | -.12 | 76.3 | -2.1 | .21 | 7.53 | 1.16 | .365 | 13.387 | 2.055 |
| 15 | 4.31 | -.46 | 76.5 | -8.2 | .87 | 8.08 | 1.41 | 1.546 | 14.369 | 2.506 |
| 16 | 4.32 | -.81 | 76.8 | -14.4 | 1.62 | 8.64 | 1.66 | 2.879 | 15.357 | 2.957 |
| 17 | 5.40 | -1.40 | 95.9 | -25.0 | 3.00 | 11.54 | 2.37 | 5.335 | 20.514 | 4.217 |
| 18 | 4.40 | .10 | 78.1 | 1.8 | -.23 | 9.87 | .50 | -.403 | 17.549 | .888 |
| 19 | 4.50 | .01 | 80.0 | .2 | -.03 | 10.67 | .49 | -.059 | 18.965 | .866 |
| 20 | 4.58 | -.11 | 81.3 | -2.0 | .28 | 11.40 | .48 | .492 | 20.268 | .860 |
| 21 | 4.65 | -.23 | 82.6 | -4.1 | .60 | 12.16 | 48 | 1.068 | 21.604 | .849 |
| 22 | 4.72 | -.34 | 83.9 | -6.1 | .94 | 12.92 | .47 | 1.679 | 22.970 | .835 |
| 23 | 4.78 | -.46 | 84.9 | -8.2 | 1.32 | 13.68 | .46 | 2.354 | 24.308 | .817 |
| 24 | 4.85 | -.59 | 86.3 | -10.5 | 1.76 | 14.49 | .46 | 3.121 | 25.744 | .812 |
| 25 | 4 93 | -.71 | 87.6 | -12.7 | 2.22 | 15.31 | .45 | 3.943 | 27.212 | .807 |
| 26 | 4.98 | -.77 | 88.5 | -13.7 | 2.49 | 16.09 | 46 | 4.419 | 28.604 | .823 |
| 27 | 5.03 | -.82 | 89.5 | -14.5 | 2.74 | 16.88 | .47 | 4.870 | 30.006 | .842 |
| 28 | 5.09 | -.86 | 90.4 | -15.4 | 3.00 | 17.69 | .48 | 5.340 | 31.431 | .861 |
| 29 | 5.14 | -.91 | 91.3 | -16.2 | 3.28 | 18.50 | .50 | 5.832 | 32.879 | .880 |
| 30 | 5.19 | -.96 | 92.3 | -17.0 | 3.57 | 19.33 | .51 | 6.344 | 34.350 | .899 |
| 31 | 5.24 | -1.01 | 93.2 | -17.9 | 3.87 | 20.17 | .52 | 6.877 | 35.844 | .918 |
| 32 | 5.30 | -1.05 | 94.1 | -18.7 | 4.18 | 21.02 | .53 | 7.430 | 37.360 | .937 |
| 33 | 5.27 | -1.03 | 93.6 | -18.3 | 4.21 | 21.56 | .54 | 7.485 | 38.313 | .965 |
| 34 | 5.22 | -.98 | 92.7 | -17.5 | 4.15 | 21.99 | .56 | 7.375 | 39.080 | .995 |
| 35 | 5.17 | -.94 | 91.8 | -16.7 | 4.08 | 22.41 | .58 | 7.246 | 39.826 | 1.026 |
| 36 | 5.11 | -.90 | 90.9 | -15.9 | 3.99 | 22.82 | .59 | 7.098 | 40.548 | 1.056 |
| 37 | 5.06 | -.85 | 90.0 | -15.1 | 3.90 | 23.21 | .61 | 6.930 | 41.249 | 1.087 |
| 38 | 5.01 | -.81 | 89.1 | -14.3 | 3.79 | 23.59 | .63 | 6.743 | 41.926 | 1.117 |
| 39 | 9.50 | -1.33 | 168.8 | -23.7 | 6.52 | 46.47 | 1.24 | 11.583 | 82.588 | 2.210 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 270 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.09 | -1.67 | 108.3 | -29.6 | .15 | .55 | 3.27 | .267 | .974 | 5.818 |
| 2 | 6.69 | -1.97 | 118.8 | -35.1 | .54 | 1.84 | 3.51 | .963 | 3.263 | 6.230 |
| 3 | 4.19 | -1.72 | 74.4 | -30.6 | .69 | 1.68 | 2.10 | 1.229 | 2.987 | 3.737 |
| 4 | 4.14 | -1.77 | 73.5 | -31.5 | .93 | 2.17 | 2.10 | 1.654 | 3.856 | 3.738 |
| 5 | 4.11 | -1.83 | 73.0 | -32.5 | 1.18 | 2.66 | 2.12 | 2.104 | 4.728 | 3.772 |
| 6 | 4.12 | -1.88 | 73.3 | -33.4 | 1.45 | 3.18 | 2.17 | 2.577 | 5.645 | 3.865 |
| 7 | 4.10 | -1.91 | 72.8 | -34.0 | 1.71 | 3.66 | 2.25 | 3.041 | 6.504 | 3.991 |
| 8 | 4.05 | -1.94 | 72.0 | -34.4 | 1.97 | 4.12 | 2.33 | 3.501 | 7.316 | 4.134 |
| 9 | 4.96 | -2.43 | 88.2 | -43.1 | 2.80 | 5.73 | 3.01 | 4.980 | 10.182 | 5.341 |
| 10 | 4.71 | -.68 | 83.8 | -12.0 | .85 | 5.95 | 1.12 | 1.518 | 10.577 | 1.995 |
| 11 | 4.72 | -.63 | 83.9 | -11.1 | .87 | 6.54 | 1.11 | 1.539 | 11.623 | 1.969 |
| 12 | 4.71 | -.59 | 83.7 | -10.5 | .89 | 7.11 | 1.09 | 1.578 | 12.632 | 1.944 |
| 13 | 4.70 | -.55 | 83.6 | -9.8 | .90 | 7.67 | 1.08 | 1.601 | 13.637 | 1.920 |
| 14 | 4.70 | -.56 | 83.5 | -9.9 | .98 | 8.24 | 1.11 | 1.742 | 14.643 | 1.973 |
| 15 | 4.69 | -.66 | 83.4 | -11.7 | 1.23 | 8.81 | 1.23 | 2.188 | 15.659 | 2.192 |
| 16 | 4.69 | -.75 | 83.3 | -13.4 | 1.51 | 9.38 | 1.36 | 2.678 | 16.674 | 2.412 |
| 17 | 5.84 | -.93 | 103.7 | -16.5 | 1.98 | 12.48 | 1.79 | 3.519 | 22.178 | 3.178 |
| 18 | 4.42 | .66 | 78.6 | 11.7 | -1.48 | 9.94 | -.19 | -2.627 | 17.665 | -.335 |
| 19 | 4.55 | .66 | 80.8 | 11.6 | -1.55 | 10.77 | -.20 | -2.760 | 19.148 | -.352 |
| 20 | 4.64 | .65 | 82.5 | 11.6 | -1.63 | 11.57 | -.18 | -2.893 | 20.557 | -.325 |
| 21 | 4.73 | .65 | 84.1 | 11.6 | -1.70 | 12.38 | -.17 | -3.026 | 22.007 | -.298 |
| 22 | 4.83 | .65 | 85.8 | 11.5 | -1.78 | 13.22 | -.15 | -3.158 | 23.497 | -.272 |
| 23 | 4.91 | .65 | 87.3 | 11.5 | -1.86 | 14.06 | -.14 | -3.300 | 24.982 | -.251 |
| 24 | 5.01 | .65 | 89.0 | 11.6 | -1.95 | 14.95 | -.13 | -3.468 | 26.572 | -.228 |
| 25 | 5.11 | .66 | 90.8 | 11.7 | -2.05 | 15.87 | -.12 | -3.639 | 28.205 | -.205 |
| 26 | 5.17 | .64 | 91.9 | 11.4 | -2.07 | 16.70 | -.12 | -3.683 | 29.679 | -.205 |
| 27 | 5.23 | .62 | 92.9 | 11.0 | -2.08 | 17.53 | -.12 | -3.702 | 31.154 | -.207 |
| 28 | 5.29 | .60 | 93.9 | 10.7 | -2.09 | 18.37 | -.12 | -3.713 | 32.655 | -.210 |
| 29 | 5.34 | .58 | 95.0 | 10.3 | -2.09 | 19.23 | -.12 | -3.715 | 34.182 | -.213 |
| 30 | 5.40 | .56 | 96.0 | 10.0 | -2.09 | 20.11 | -.12 | -3.708 | 35.734 | -.215 |
| 31 | 5.46 | .54 | 97.0 | 9.6 | -2.08 | 20.99 | -.12 | -3.692 | 37.311 | -.218 |
| 32 | 5.52 | .52 | 98.1 | 9.2 | -2.06 | 21.90 | -.12 | -3.667 | 38.913 | -.220 |
| 33 | 5.49 | .51 | 97.6 | 9.0 | -2.07 | 22.47 | -.14 | -3.685 | 39.942 | -.243 |
| 34 | 5.45 | .50 | 96.8 | 8.9 | -2.09 | 22.95 | -.15 | -3.711 | 40.785 | -.271 |
| 35 | 5.40 | .48 | 95.9 | 8.6 | -2.10 | 23.41 | -.17 | -3.733 | 41.606 | -.300 |
| 36 | 5.35 | .47 | 95.1 | 8.4 | -2.11 | 23.86 | -.18 | -3.749 | 42.407 | -.328 |
| 37 | 5.30 | .46 | 94.2 | 8.2 | -2.12 | 24.30 | -.20 | -3.761 | 43.187 | -.357 |
| 38 | 5.25 | .45 | 93.4 | 8.0 | -2.12 | 24.73 | -.22 | -3.768 | 43.946 | -.385 |
| 39 | 10.01 | .79 | 177.9 | 14.1 | -3.89 | 48.98 | -.44 | -6.907 | 87.045 | -.780 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 280 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.79 | -2.38 | 138.5 | -42.2 | .21 | .70 | 4.04 | .380 | 1.246 | 7.177 |
| 2 | 8.09 | -2.52 | 143.8 | -44.8 | .69 | 2.22 | 3.96 | 1.231 | 3.947 | 7.044 |
| 3 | 5.15 | -1.76 | 91.6 | -31.3 | .71 | 2.07 | 2.58 | 1.257 | 3.676 | 4.580 |
| 4 | 5.15 | -1.76 | 91.5 | -31.3 | .92 | 2.70 | 2.56 | 1.640 | 4.801 | 4.542 |
| 5 | 5.19 | -1.77 | 92.2 | -31.4 | 1.14 | 3.36 | 2.56 | 2.034 | 5.973 | 4.551 |
| 6 | 5.31 | -1.78 | 94.3 | -31.6 | 1.37 | 4.09 | 2.61 | 2.432 | 7.265 | 4.644 |
| 7 | 5.37 | -1.80 | 95.5 | -32.0 | 1.61 | 4.80 | 2.69 | 2.858 | 8.531 | 4.786 |
| 8 | 5.42 | -1.83 | 96.2 | -32.5 | 1.86 | 5.50 | 2.79 | 3.308 | 9.783 | 4.951 |
| 9 | 6.76 | -2.30 | 120.2 | -40.9 | 2.66 | 7.80 | 3.57 | 4.720 | 13.868 | 6.349 |
| 10 | 5.10 | -.32 | 90.7 | -5.7 | .40 | 6.44 | .87 | .719 | 11.452 | 1.546 |
| 11 | 5.17 | -.38 | 91.9 | -6.8 | .53 | 7.16 | .88 | .945 | 12.726 | 1.565 |
| 12 | 5.22 | -.45 | 92.8 | -8.0 | .68 | 7.88 | .89 | 1.211 | 14.006 | 1.586 |
| 13 | 5.28 | -.52 | 93.8 | -9.2 | .85 | 8.61 | .90 | 1.506 | 15.309 | 1.606 |
| 14 | 5.32 | -.57 | 94.5 | -10.1 | .99 | 9.33 | .93 | 1.764 | 16.584 | 1.658 |
| 15 | 5.32 | -.57 | 94.6 | -10.1 | 1.07 | 9.99 | 1.00 | 1.894 | 17.754 | 1.775 |
| 16 | 5.32 | -.57 | 94.6 | -10.1 | 1.14 | 10.65 | 1.06 | 2.024 | 18.926 | 1.892 |
| 17 | 6.62 | -.66 | 117.6 | -11.8 | 1.42 | 14.15 | 1.39 | 2.516 | 25.148 | 2.479 |
| 18 | 4.64 | .98 | 82.4 | 17.5 | -2.21 | 10.41 | -.52 | -3.930 | 18.510 | -.917 |
| 19 | 4.71 | 1.04 | 83.6 | 18.5 | -2.47 | 11.15 | -.54 | -4.392 | 19.815 | -.959 |
| 20 | 4.75 | 1.10 | 84.5 | 19.6 | -2.74 | 11.85 | -.55 | -4.873 | 21.055 | -.976 |
| 21 | 4.80 | 1.16 | 85.3 | 20.7 | -3.04 | 12.56 | -.56 | -5.409 | 22.315 | -.998 |
| 22 | 4.85 | 1.23 | 86.2 | 21.9 | -3.37 | 13.28 | -.58 | -5.990 | 23.596 | -1.023 |
| 23 | 4.89 | 1.30 | 86.8 | 23.0 | -3.71 | 13.98 | -.59 | -6.587 | 24.846 | -1.052 |
| 24 | 4.94 | 1.35 | 87.7 | 24.0 | -4.04 | 14.73 | -.60 | -7.174 | 26.179 | -1.068 |
| 25 | 4.99 | 1.41 | 88.6 | 25.1 | -4.38 | 15.49 | -.61 | -7.786 | 27.533 | -1.085 |
| 26 | 5.04 | 1.40 | 89.6 | 25.0 | -4.54 | 16.30 | -.62 | -8.060 | 28.961 | -1.096 |
| 27 | 5.10 | 1.39 | 90.7 | 24.7 | -4.66 | 17.12 | -.62 | -8.286 | 30.421 | -1.107 |
| 28 | 5.16 | 1.38 | 91.8 | 24.5 | -4.79 | 17.95 | -.63 | -8.505 | 31.908 | -1.118 |
| 29 | 5.22 | 1.36 | 92.8 | 24.2 | -4.91 | 18.80 | -.64 | -8.718 | 33.421 | -1.130 |
| 30 | 5.28 | 1.35 | 93.9 | 24.0 | -5.02 | 19.67 | -.64 | -8.926 | 34.960 | -1.141 |
| 31 | 5.34 | 1.34 | 95.0 | 23.7 | -5.14 | 20.55 | -.65 | -9.127 | 36.525 | -1.152 |
| 32 | 5.40 | 1.32 | 96.0 | 23.5 | -5.25 | 21.45 | -.65 | -9.323 | 38.117 | -1.163 |
| 33 | 5.37 | 1.25 | 95.5 | 22.2 | -5.12 | 21.98 | -.66 | -9.102 | 39.063 | -1.172 |
| 34 | 5.31 | 1.17 | 94.4 | 20.7 | -4.91 | 22.39 | -.66 | -8.731 | 39.798 | -1.180 |
| 35 | 5.25 | 1.08 | 93.4 | 19.2 | -4.68 | 22.79 | -.67 | -8.321 | 40.507 | -1.188 |
| 36 | 5.20 | .99 | 92.3 | 17.7 | -4.43 | 23.18 | -.67 | -7.874 | 41.191 | -1.196 |
| 37 | 5.14 | .91 | 91.3 | 16.1 | -4.16 | 23.55 | -.68 | -7.389 | 41.848 | -1.204 |
| 38 | 5.08 | .82 | 90.3 | 14.6 | -3.86 | 23.90 | -.68 | -6.867 | 42.481 | -1.212 |
| 39 | 9.60 | 1.30 | 170.7 | 23.2 | -6.38 | 46.98 | -1.34 | -11.345 | 83.498 | -2.380 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 290 REF PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.65 | -3.41 | 136.0 | -60.7 | .31 | .69 | 4.08 | .546 | 1.224 | 7.255 |
| 2 | 7.85 | -3.61 | 139.5 | -64.2 | .99 | 2.15 | 3.93 | 1.763 | 3.830 | 6.985 |
| 3 | 5.00 | -2.32 | 88.9 | -41.3 | .93 | 2.01 | 2.58 | 1.658 | 3.570 | 4.587 |
| 4 | 4.91 | -2.32 | 87.3 | -41.3 | 1.22 | 2.58 | 2.56 | 2.165 | 4.577 | 4.546 |
| 5 | 4.87 | -2.33 | 86.6 | -41.5 | 1.51 | 3.15 | 2.56 | 2.687 | 5.604 | 4.552 |
| 6 | 4.93 | -2 35 | 87.6 | -41.7 | 1.81 | 3.80 | 2.61 | 3.214 | 6.752 | 4.645 |
| 7 | 5.00 | -2.40 | 88.8 | -42.7 | 2.15 | 4.46 | 2.69 | 3.817 | 7.933 | 4.784 |
| 8 | 5.06 | -2.48 | 90.0 | -44.1 | 2.52 | 5.15 | 2.78 | 4.483 | 9.146 | 4.947 |
| 9 | 6.36 | -3.15 | 113.1 | -56.1 | 3.64 | 7.34 | 3.56 | 6.470 | 13.052 | 6.322 |
| 10 | 5.22 | -.96 | 92.9 | -17.1 | 1.22 | 6.60 | .94 | 2.160 | 11.723 | 1.679 |
| 11 | 5.30 | -1.04 | 94.2 | -18.5 | 1.45 | 7.35 | .94 | 2.568 | 13.056 | 1.664 |
| 12 | 5.37 | -1.14 | 95.4 | -20.2 | 1.71 | 8.10 | .93 | 3.044 | 14.389 | 1.659 |
| 13 | 5.43 | -1.23 | 96.5 | -21.8 | 2.00 | 8.86 | .93 | 3.561 | 15.751 | 1.654 |
| 14 | 5.48 | -1.32 | 97.4 | -23.5 | 2.32 | 9.61 | .95 | 4.124 | 17.083 | 1.691 |
| 15 | 5.49 | -1.42 | 97.5 | -25.3 | 2.67 | 10.30 | 1.02 | 4.743 | 18.306 | 1.817 |
| 16 | 5.49 | -1.52 | 97.6 | -27.0 | 3.04 | 10.99 | 1.09 | 5.405 | 19.532 | 1.942 |
| 17 | 6.83 | -1.97 | 121.3 | -35.1 | 4.22 | 14.59 | 1.43 | 7.501 | 25.937 | 2.547 |
| 18 | 4.92 | .26 | 87.4 | 4.5 | -.57 | 11.04 | -.58 | -1.019 | 19.629 | -1.033 |
| 19 | 4.94 | .25 | 87.8 | 4.4 | -.59 | 11.70 | -.59 | -1.052 | 20.796 | -1.054 |
| 20 | 4.94 | .23 | 87.9 | 4.1 | -.58 | 12.32 | -.60 | -1.024 | 21.903 | -1.061 |
| 21 | 4.95 | .22 | 88.0 | 3.9 | -.57 | 12.95 | -.60 | -1.012 | 23.013 | -1.072 |
| 22 | 4.96 | .21 | 88.1 | 3.7 | -.57 | 13.57 | -.61 | -1.008 | 24.125 | -1.086 |
| 23 | 4.94 | .20 | 87.9 | 3.5 | -.56 | 14.15 | -.63 | -.992 | 25.139 | -1.112 |
| 24 | 4.96 | .18 | 88.1 | 3.2 | -.53 | 14.79 | -.63 | -.950 | 26.283 | -1.119 |
| 25 | 4.97 | .16 | 88.3 | 2.9 | -.51 | 15.43 | -.63 | -.901 | 27.432 | -1.125 |
| 26 | 5.00 | .15 | 88.8 | 2.7 | -.49 | 16.15 | -.64 | -.869 | 28.701 | -1.139 |
| 27 | 5.03 | .14 | 89.5 | 2.5 | -.47 | 16.88 | -.65 | -.835 | 29.999 | -1.154 |
| 28 | 5.07 | .13 | 90.1 | 2.3 | -.45 | 17.62 | -.66 | -.796 | 31.311 | -1.168 |
| 29 | 5.10 | .12 | 90.7 | 2.1 | -.42 | 18.37 | -.67 | -.753 | 32.639 | -1.183 |
| 30 | 5.14 | .11 | 91.3 | 1.9 | -.40 | 19.12 | -.67 | -.704 | 33.982 | -1.197 |
| 31 | 5.17 | .10 | 91.9 | 1.7 | -.37 | 19.88 | -.68 | -.651 | 35.340 | -1.212 |
| 32 | 5.21 | .08 | 92.5 | 1.5 | -.33 | 20.66 | -.69 | -.592 | 36.713 | -1.227 |
| 33 | 5.16 | .04 | 91.8 | .7 | -.17 | 21.13 | -.68 | -.293 | 37.549 | -1.213 |
| 34 | 5.10 | -.01 | 90.6 | -.2 | .05 | 21.50 | -.67 | .094 | 38.204 | -1.191 |
| 35 | 5.04 | -.07 | 89.5 | -1.2 | .28 | 21.85 | -.66 | .505 | 38.831 | -1.170 |
| 36 | 4.97 | -.12 | 88.4 | -2.1 | .53 | 22.19 | -.65 | .939 | 39.431 | -1.148 |
| 37 | 4.91 | -.17 | 87.3 | -3.0 | .79 | 22.51 | -.63 | 1 396 | 40.003 | -1.126 |
| 38 | 4.85 | -.22 | 86.2 | -4.0 | 1.06 | 22.81 | -.62 | 1.876 | 40.547 | -1.104 |
| 39 | 9.14 | -.59 | 162.5 | -10.6 | 2.91 | 44.73 | -1.21 | 5.168 | 79.501 | -2.143 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 300 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.08 | -3.06 | 108.1 | -54.4 | .28 | .55 | 2.94 | .490 | .972 | 5.223 |
| 2 | 6.49 | -3.19 | 115.3 | -56.7 | .88 | 1.78 | 2.93 | 1.556 | 3.167 | 5.216 |
| 3 | 4.28 | -1.81 | 76.1 | -32.2 | .73 | 1.72 | 2.07 | 1.294 | 3.056 | 3.678 |
| 4 | 4.26 | -1.77 | 75.7 | -31.5 | .93 | 2.23 | 2.05 | 1.653 | 3.971 | 3.650 |
| 5 | 4.26 | -1.75 | 75.7 | -31.0 | 1.13 | 2.76 | 2.05 | 2.010 | 4.902 | 3.646 |
| 6 | 4.30 | -1.72 | 76.4 | -30.6 | 1.33 | 3.31 | 2.07 | 2.356 | 5.889 | 3.677 |
| 7 | 4.34 | -1.76 | 77.1 | -31.2 | 1.57 | 3.87 | 2.13 | 2.790 | 6.886 | 3.793 |
| 8 | 4.37 | -1.82 | 77.7 | -32.4 | 1.85 | 4.44 | 2.22 | 3.296 | 7.894 | 3.952 |
| 9 | 5.45 | -2.32 | 96.9 | -41.3 | 2.68 | 6.29 | 2.85 | 4.761 | 11.182 | 5.065 |
| 10 | 4.40 | -.63 | 78.3 | -11.3 | .80 | 5.56 | .74 | 1.422 | 9.883 | 1.312 |
| 11 | 4.49 | -.65 | 79.8 | -11.6 | .90 | 6.22 | .71 | 1.606 | 11.052 | 1.262 |
| 12 | 4.56 | -.68 | 81.0 | -12.1 | 1.03 | 6.87 | .69 | 1.824 | 12.214 | 1.225 |
| 13 | 4.62 | -.71 | 82.2 | -12.6 | 1.16 | 7.54 | .67 | 2.056 | 13.407 | 1.188 |
| 14 | 4.67 | -.74 | 82.9 | -13.1 | 1.29 | 8.19 | .66 | 2.294 | 14.554 | 1.179 |
| 15 | 4.66 | -.76 | 82.8 | -13.5 | 1.42 | 8.75 | .69 | 2.533 | 15.551 | 1.226 |
| 16 | 4.65 | -.78 | 82.7 | -13.9 | 1.56 | 9.31 | .72 | 2.781 | 16.544 | 1.274 |
| 17 | 5.77 | -.98 | 102.5 | -17.4 | 2.09 | 12.33 | .92 | 3.717 | 21.913 | 1.639 |
| 18 | 3.93 | -.01 | 69.9 | -.2 | .02 | 8.83 | -.40 | .043 | 15.698 | -.704 |
| 19 | 3.98 | -.03 | 70.7 | -.5 | .06 | 9.42 | -.41 | .108 | 16.746 | -.721 |
| 20 | 4.01 | -.04 | 71.2 | -.7 | .10 | 9.99 | -.40 | .181 | 17.747 | -.719 |
| 21 | 4.04 | -.05 | 71.7 | -1.0 | .14 | 10.56 | -.40 | .255 | 18.760 | -.719 |
| 22 | 4.07 | -.07 | 72.3 | -1.2 | .19 | 11.13 | -.40 | .332 | 19.787 | -.719 |
| 23 | 4.07 | -.08 | 72.4 | -1.4 | .23 | 11.65 | -.41 | .415 | 20.713 | -.735 |
| 24 | 4.11 | -.09 | 73.0 | -1.7 | .28 | 12.27 | -.41 | .503 | 21.799 | -.731 |
| 25 | 4.15 | -.11 | 73.7 | -1.9 | .34 | 12.89 | -.41 | .597 | 22.901 | -.727 |
| 26 | 4.17 | -.16 | 74.2 | -2.8 | .51 | 13.48 | -.41 | .898 | 23.954 | -.737 |
| 27 | 4.20 | -.21 | 74.6 | -3.7 | .70 | 14.07 | -.42 | 1.245 | 25.010 | -.747 |
| 28 | 4.22 | -.26 | 75.0 | -4.6 | .91 | 14.67 | -.43 | 1.615 | 26.076 | -.758 |
| 29 | 4.24 | -.31 | 75.4 | -5.6 | 1.13 | 15.28 | -.43 | 2.009 | 27.153 | -.769 |
| 30 | 4.27 | -.37 | 75.9 | -6.5 | 1.36 | 15.89 | -.44 | 2.425 | 28.240 | -.779 |
| 31 | 4.29 | -.42 | 76.3 | -7.4 | 1.61 | 16.51 | -.44 | 2.864 | 29.338 | -.790 |
| 32 | 4.32 | -.47 | 76.7 | -8.4 | 1.87 | 17.13 | -.45 | 3.326 | 30.447 | -.801 |
| 33 | 4.33 | -.54 | 77.0 | -9.5 | 2.19 | 17.72 | -.45 | 3.897 | 31.491 | -.805 |
| 34 | 4.34 | -.60 | 77.2 | -10.7 | 2.54 | 18.30 | -.45 | 4.521 | 32.521 | -.808 |
| 35 | 4.35 | -.67 | 77.4 | -11.9 | 2.91 | 18.88 | -.46 | 5.175 | 33.555 | -.811 |
| 36 | 4.36 | -.74 | 77.6 | -13.1 | 3.30 | 19.46 | -.46 | 5.858 | 34.593 | -.813 |
| 37 | 4.37 | -.81 | 77.8 | -14.3 | 3.70 | 20.05 | -.46 | 6.571 | 35.637 | -.816 |
| 38 | 4.39 | -.87 | 77.9 | -15.5 | 4.11 | 20.64 | -.46 | 7.313 | 36.685 | -.819 |
| 39 | 8.49 | -2.02 | 150.9 | -35.9 | 9.89 | 41.53 | -.91 | 17.577 | 73.811 | -1.616 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 310 REF. PRESS -51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100 FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.03 | -1.25 | 53.9 | -22.2 | .11 | .27 | 1.41 | .200 | .485 | 2.512 |
| 2 | 3.41 | -1.38 | 60.5 | -24.5 | .38 | .94 | 1.50 | .674 | 1.662 | 2.659 |
| 3 | 2.36 | -.88 | 41.9 | -15.7 | .35 | .95 | 1.14 | .629 | 1.682 | 2.032 |
| 4 | 2.36 | -.84 | 41.9 | -14.9 | .44 | 1.24 | 1.12 | .780 | 2.196 | 1.984 |
| 5 | 2.35 | -.79 | 41.7 | -14.0 | .51 | 1.52 | 1.08 | .910 | 2.699 | 1.919 |
| 6 | 2.32 | -.74 | 41.2 | -13.2 | .57 | 1.79 | 1.03 | 1.019 | 3.178 | 1.836 |
| 7 | 2.29 | -.75 | 40.7 | -13.2 | .67 | 2.05 | 1.03 | 1.184 | 3.640 | 1.836 |
| 8 | 2.26 | -.77 | 40.2 | -13.7 | .78 | 2.30 | 1.06 | 1.390 | 4.087 | 1.877 |
| 9 | 2.75 | -.98 | 48.8 | -17.4 | 1.13 | 3.17 | 1.32 | 2.005 | 5.634 | 2.353 |
| 10 | 1.92 | -.59 | 34.1 | -10.5 | .75 | 2.42 | .47 | 1.331 | 4.305 | .844 |
| 11 | 1.98 | -.60 | 35.2 | -10.6 | .83 | 2.75 | .47 | 1.475 | 4.883 | .844 |
| 12 | 2.04 | -.60 | 36.2 | -10.6 | .90 | 3.08 | .47 | 1.606 | 5.465 | .844 |
| 13 | 2.09 | -.60 | 37.2 | -10.7 | .98 | 3.42 | .48 | 1.738 | 6.072 | .844 |
| 14 | 2.12 | -.61 | 37.7 | -10.8 | 1.07 | 3.72 | .47 | 1.898 | 6.612 | .840 |
| 15 | 2.09 | -.64 | 37.1 | -11.3 | 1.20 | 3.91 | .46 | 2.125 | 6.958 | .824 |
| 16 | 2.05 | -.66 | 36.4 | -11.8 | 1.33 | 4.10 | .46 | 2.364 | 7.288 | .809 |
| 17 | 2.49 | -.86 | 44.2 | -15.3 | 1.85 | 5.32 | .55 | 3.281 | 9.455 | .982 |
| 18 | 1.88 | -.79 | 33.3 | -14.0 | 1.77 | 4.21 | .09 | 3.149 | 7.487 | .159 |
| 19 | 1.90 | -.88 | 33.8 | -15.6 | 2.09 | 4.50 | .08 | 3.707 | 8.006 | .140 |
| 20 | 1.92 | -.97 | 34.1 | -17.3 | 2.43 | 4.78 | .07 | 4.310 | 8.499 | .131 |
| 21 | 1.94 | -1.06 | 34.4 | -18.8 | 2.76 | 5.06 | .06 | 4.913 | 9.000 | .115 |
| 22 | 1.95 | -1.14 | 34.7 | -20.2 | 3.11 | 5.35 | .05 | 5.528 | 9.508 | .094 |
| 23 | 1.94 | -1.21 | 34.5 | -21.6 | 3.48 | 5.56 | .03 | 6.179 | 9.878 | .053 |
| 24 | 1.96 | -1.29 | 34.8 | -23.0 | 3.86 | 5.85 | .02 | 6.864 | 10.388 | .031 |
| 25 | 1.97 | -1.37 | 35.1 | -24.4 | 4.27 | 6.14 | .00 | 7.584 | 10.905 | .009 |
| 26 | 2.01 | -1.41 | 35.8 | -25.0 | 4.55 | 6.50 | -.01 | 8.087 | 11.559 | -.013 |
| 27 | 2.05 | -1.44 | 36.5 | -25.6 | 4.82 | 6.89 | -.02 | 8.574 | 12.246 | -.034 |
| 28 | 2.10 | -1.47 | 37.3 | -26.1 | 5.11 | 7.29 | -.03 | 9.074 | 12.950 | -.055 |
| 29 | 2.14 | -1.50 | 38.0 | -26.6 | 5.39 | 7.69 | -.04 | 9.587 | 13.673 | -.077 |
| 30 | 2.18 | -1.53 | 38.7 | -27.2 | 5.69 | 8.11 | -.06 | 10.114 | 14.414 | -.098 |
| 31 | 2.22 | -1.56 | 39.5 | -27.7 | 5.99 | 8.54 | -.07 | 10.653 | 15.174 | -.120 |
| 32 | 2.26 | -1.59 | 40.2 | -28.2 | 6.31 | 8.97 | -.08 | 11.206 | 15.951 | -.141 |
| 33 | 2.35 | -1.69 | 41.8 | -30.0 | 6.91 | 9.62 | -.08 | 12.273 | 17.100 | -.145 |
| 34 | 2.46 | -1.81 | 43.6 | -32.1 | 7.61 | 10.35 | -.08 | 13.531 | 18.392 | -.144 |
| 35 | 2.56 | -1.93 | 45.5 | -34.2 | 8.35 | 11.10 | -.08 | 14.841 | 19.730 | -.143 |
| 36 | 2.66 | -2.04 | 47.3 | -36.3 | 9.12 | 11.88 | -.08 | 16.203 | 21.113 | -.142 |
| 37 | 2.77 | -2.16 | 49.2 | -38.4 | 9.91 | 12.68 | -.08 | 17.617 | 22.542 | -.141 |
| 38 | 2.87 | -2.28 | 51.0 | -40.5 | 10.74 | 13.51 | -.08 | 19.082 | 24.016 | -.140 |
| 39 | 5.96 | -4.93 | 105.9 | -87.6 | 24.11 | 29.15 | -.16 | 42.843 | 51.810 | -.292 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 320 REF. PRESS.-51 PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.11 | -1.59 | 19.6 | -28.3 | .14 | .10 | .56 | .254 | .177 | .995 |
| 2 | 1.34 | -1.49 | 23.9 | -26.6 | .41 | .37 | .56 | .729 | .656 | 1.001 |
| 3 | 1.10 | -.97 | 19.5 | -17.2 | .39 | .44 | .55 | .689 | .784 | .971 |
| 4 | 1.13 | -.92 | 20.2 | -16.4 | .48 | .59 | .52 | .859 | 1.057 | .925 |
| 5 | 1.17 | -.89 | 20.8 | -15.8 | .57 | .76 | .49 | 1.021 | 1.345 | .878 |
| 6 | 1.21 | -.85 | 21.5 | -15.2 | .66 | .93 | .47 | 1.168 | 1.656 | .833 |
| 7 | 1.26 | -.86 | 22.4 | -15.2 | .76 | 1.13 | .47 | 1.359 | 2.004 | .838 |
| 8 | 1.32 | -.88 | 23.5 | -15.6 | .89 | 1.34 | .49 | 1.584 | 2.385 | .867 |
| 9 | 1.71 | -1.11 | 30.3 | -19.7 | 1.28 | 1.97 | .62 | 2.270 | 3.500 | 1.095 |
| 10 | 1.61 | -.86 | 28.7 | -15.3 | 1.08 | 2.04 | .33 | 1.925 | 3.617 | .586 |
| 11 | 1.58 | -.94 | 28.0 | -16.7 | 1.30 | 2.18 | .32 | 2.319 | 3.882 | .577 |
| 12 | 1.52 | -1.03 | 27.1 | -18.3 | 1.55 | 2.30 | .32 | 2.759 | 4.084 | .569 |
| 13 | 1.47 | -1.12 | 26.1 | -19.8 | 1.82 | 2.40 | .32 | 3.237 | 4.262 | .561 |
| 14 | 1.40 | -1.21 | 24.9 | -21.5 | 2.12 | 2.45 | .31 | 3.768 | 4.362 | .555 |
| 15 | 1.29 | -1.31 | 22.9 | -23.3 | 2.46 | 2.42 | .31 | 4.370 | 4.307 | .551 |
| 16 | 1.18 | -1.41 | 21.0 | -25.1 | 2.82 | 2.37 | .31 | 5.016 | 4.206 | .547 |
| 17 | 1.31 | -1.88 | 23.3 | -33.4 | 4.02 | 2.80 | .37 | 7.145 | 4.976 | .661 |
| 18 | 1.43 | -1.65 | 25.5 | -29.3 | 3.70 | 3.22 | .13 | 6.579 | 5.725 | .226 |
| 19 | 1.37 | -1.72 | 24.4 | -30.6 | 4.08 | 3.25 | .13 | 7.257 | 5.779 | .223 |
| 20 | 1.31 | -1.79 | 23.2 | -31.8 | 4.47 | 3.26 | .12 | 7.936 | 5.787 | .222 |
| 21 | 1.24 | -1.85 | 22.0 | -32.9 | 4.85 | 3.24 | .12 | 8.616 | 5.766 | .215 |
| 22 | 1.17 | -1.91 | 20.9 | -34.0 | 5.24 | 3.22 | .12 | 9.306 | 5.716 | .205 |
| 23 | 1.10 | -1.97 | 19.6 | -35.0 | 5.64 | 3.15 | .11 | 10.021 | 5.600 | .189 |
| 24 | 1.05 | -2.03 | 18.6 | -36.0 | 6.05 | 3.13 | .11 | 10.758 | 5.559 | .188 |
| 25 | .99 | -2.09 | 17.7 | -37.1 | 6.48 | 3.09 | .11 | 11.521 | 5.494 | .187 |
| 26 | 1.03 | -2.10 | 18.4 | -37.3 | 6.77 | 3.34 | .10 | 12.037 | 5.938 | .170 |
| 27 | 1.08 | -2.10 | 19.3 | -37.3 | 7.05 | 3.64 | .08 | 12.524 | 6.465 | .151 |
| 28 | 1.14 | -2.11 | 20.2 | -37.4 | 7.32 | 3.95 | .07 | 13.014 | 7.015 | .132 |
| 29 | 1.19 | -2.11 | 21.1 | -37.5 | 7.60 | 4.27 | .06 | 13.505 | 7.587 | .112 |
| 30 | 1.24 | -2.12 | 22.0 | -37.6 | 7.88 | 4.60 | .05 | 13.999 | 8.181 | .093 |
| 31 | 1.29 | -2.12 | 22.9 | -37.7 | 8.16 | 4.95 | .04 | 14.494 | 8.798 | .074 |
| 32 | 1.34 | -2.13 | 23.8 | -37.8 | 8.44 | 5.31 | .03 | 14.992 | 9.436 | .055 |
| 33 | 1.43 | -2.18 | 25.3 | -38.7 | 8.91 | 5.83 | .03 | 15.839 | 10.369 | .054 |
| 34 | 1.52 | -2.24 | 27.1 | -39.9 | 9.46 | 6.43 | .03 | 16.811 | 11.421 | .058 |
| 35 | 1.62 | -2.31 | 28.9 | -41.1 | 10.02 | 7.04 | .03 | 17.812 | 12.516 | .061 |
| 36 | 1.72 | -2.38 | 30.6 | -42.2 | 10.60 | 7.68 | .04 | 18.842 | 13.654 | .065 |
| 37 | 1.82 | -2.44 | 32.4 | -43.4 | 11.20 | 8.35 | .04 | 19.901 | 14.835 | .069 |
| 38 | 1.92 | -2.51 | 34.1 | -44.6 | 11.81 | 9.04 | .04 | 20.989 | 16.060 | .072 |
| 39 | 4.13 | -5.18 | 73.4 | -92.1 | 25.36 | 20.20 | .10 | 45.074 | 35.896 | .170 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 330 REF. PRESS.-51 PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .93 | -4.38 | 16.6 | -77.8 | .39 | .08 | .74 | .700 | .149 | 1.316 |
| 2 | 1.50 | -3.86 | 26.6 | -68.6 | 1.06 | .41 | .76 | 1.885 | .730 | 1.358 |
| 3 | 1.45 | -2.40 | 25.8 | -42.7 | .97 | .58 | .91 | 1.715 | 1.036 | 1.610 |
| 4 | 1.52 | -2.35 | 27.0 | -41.7 | 1.23 | .80 | .88 | 2.186 | 1.416 | 1.563 |
| 5 | 1.55 | -2.33 | 27.5 | -41.5 | 1.51 | 1.00 | .85 | 2.687 | 1.783 | 1.518 |
| 6 | 1.54 | -2.32 | 27.5 | -41.3 | 1.79 | 1.19 | .82 | 3.183 | 2.116 | 1.455 |
| 7 | 1.58 | -2.43 | 28.1 | -43.2 | 2.17 | 1.41 | .85 | 3.861 | 2.508 | 1.504 |
| 8 | 1.63 | -2.60 | 29.0 | -46.1 | 2.64 | 1.66 | .90 | 4.690 | 2.948 | 1.608 |
| 9 | 2.08 | -3.42 | 37.0 | -60.8 | 3.95 | 2.40 | 1.18 | 7.016 | 4.267 | 2.089 |
| 10 | 2.29 | -2.61 | 40.7 | -46.4 | 3.30 | 2.89 | .64 | 5.862 | 5.140 | 1.140 |
| 11 | 2.15 | -2.77 | 38.2 | -49.2 | 3.83 | 2.98 | .65 | 6.812 | 5.289 | 1.148 |
| 12 | 2.00 | -2.92 | 35.5 | -51.9 | 4.41 | 3.01 | .65 | 7.831 | 5.352 | 1.151 |
| 13 | 1.85 | -3.08 | 32.8 | -54.7 | 5.02 | 3.01 | .65 | 8.916 | 5.350 | 1.153 |
| 14 | 1.70 | -3.25 | 30.1 | -57.7 | 5.70 | 2.98 | .67 | 10.123 | 5.287 | 1.190 |
| 15 | 1.55 | -3.45 | 27.6 | -61.4 | 6.49 | 2.91 | .73 | 11.528 | 5.174 | 1.298 |
| 16 | 1.41 | -3.66 | 25.0 | -65.1 | 7.33 | 2.81 | .79 | 13.024 | 4.996 | 1.406 |
| 17 | 1.53 | -4.82 | 27.2 | -85.6 | 10.30 | 3.28 | 1.06 | 18.308 | 5.826 | 1.881 |
| 18 | 1.41 | -3.69 | 25.1 | -65.6 | 8.29 | 3.18 | .27 | 14.738 | 5.647 | .487 |
| 19 | 1.25 | -3.74 | 22.3 | -66.4 | 8.86 | 2.97 | .31 | 15.740 | 5.283 | .546 |
| 20 | 1.10 | -3.76 | 19.6 | -66.9 | 9.38 | 2.75 | .33 | 16.672 | 4.886 | .592 |
| 21 | .95 | -3.78 | 16.9 | -67.2 | 9.89 | 2.49 | .36 | 17.580 | 4.423 | .632 |
| 22 | .80 | -3.80 | 14.2 | -67.5 | 10.40 | 2.19 | .38 | 18.477 | 3.894 | .669 |
| 23 | .66 | -3.81 | 11.7 | -67.8 | 10.92 | 1.88 | .40 | 19.399 | 3.345 | .716 |
| 24 | .52 | -3.84 | 9.2 | -68.3 | 11.47 | 1.54 | .43 | 20.384 | 2.733 | .770 |
| 25 | .37 | -3.87 | 6.6 | -68.8 | 12.03 | 1.16 | .46 | 21.382 | 2.058 | .825 |
| 26 | .34 | -3.92 | 6.0 | -69.6 | 12.65 | 1.09 | .47 | 22.478 | 1.930 | .835 |
| 27 | .31 | -3.96 | 5.6 | -70.4 | 13.28 | 1.05 | .47 | 23.604 | 1.864 | .840 |
| 28 | .29 | -4.01 | 5.1 | -71.2 | 13.93 | 1.01 | .48 | 24.750 | 1.787 | .845 |
| 29 | .27 | -4.05 | 4.7 | -72.0 | 14.58 | .96 | .48 | 25.915 | 1.700 | .850 |
| 30 | .24 | -4.10 | 4.3 | -72.8 | 15.25 | .90 | .48 | 27.100 | 1.603 | .855 |
| 31 | .22 | -4.14 | 3.9 | -73.6 | 15.93 | .84 | .48 | 28.305 | 1.496 | .859 |
| 32 | .20 | -4.19 | 3.5 | -74.4 | 16.62 | .78 | .49 | 29.530 | 1.378 | .864 |
| 33 | .23 | -4.18 | 4.0 | -74.3 | 17.11 | .93 | .49 | 30.403 | 1.653 | .864 |
| 34 | .27 | -4.16 | 4.9 | -73.9 | 17.54 | 1.16 | .49 | 31.165 | 2.059 | .862 |
| 35 | .32 | -4.14 | 5.7 | -73.6 | 17.96 | 1.40 | .48 | 31.917 | 2.487 | .860 |
| 36 | .37 | -4.12 | 6.6 | -73.2 | 18.38 | 1.65 | .48 | 32.661 | 2.935 | .858 |
| 37 | .42 | -4.10 | 7.4 | -72.9 | 18.79 | 1.92 | .48 | 33.395 | 3.404 | .857 |
| 38 | .47 | -4.08 | 8.3 | -72.5 | 19.20 | 2.19 | .48 | 34.121 | 3.894 | .855 |
| 39 | 1.05 | -7.90 | 18.7 | -140.4 | 38.65 | 5.15 | .95 | 68.694 | 9.153 | 1.688 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 340 REF. PRESS.-51 PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.40 | -5.66 | 24.9 | -100.6 | .51 | .13 | .82 | .905 | .224 | 1.464 |
| 2 | 1.94 | -5.12 | 34.4 | -90.9 | 1.40 | .53 | .70 | 2.496 | .945 | 1.247 |
| 3 | 1.78 | -3.00 | 31.7 | -53.4 | 1.21 | .72 | .99 | 2.144 | 1.271 | 1.761 |
| 4 | 1.86 | -2.93 | 33.1 | -52.1 | 1.54 | .98 | .97 | 2.730 | 1.735 | 1.721 |
| 5 | 1.90 | -2.91 | 33.8 | -51.7 | 1.88 | 1.23 | .95 | 3.344 | 2.192 | 1.689 |
| 6 | 1.91 | -2.88 | 33.9 | -51.3 | 2.22 | 1.47 | .92 | 3.949 | 2.611 | 1.637 |
| 7 | 1.93 | -3.01 | 34.3 | -53.5 | 2.69 | 1.73 | .97 | 4.784 | 3.067 | 1.730 |
| 8 | 1.97 | -3.22 | 35.0 | -57.2 | 3.27 | 2.00 | 1.07 | 5.810 | 3.553 | 1.894 |
| 9 | 2.47 | -4.25 | 44.0 | -75.5 | 4.90 | 2.85 | 1.43 | 8.713 | 5.073 | 2.545 |
| 10 | 2.54 | -3.35 | 45.1 | -59.6 | 4.23 | 3.21 | .74 | 7.520 | 5.696 | 1.324 |
| 11 | 2.37 | -3.49 | 42.1 | -62.0 | 4.83 | 3.28 | .75 | 8.588 | 5.826 | 1.339 |
| 12 | 2.21 | -3.63 | 39.2 | -64.5 | 5.48 | 3.33 | .75 | 9.731 | 5.913 | 1.336 |
| 13 | 2.05 | -3.77 | 36.4 | -67.0 | 6.15 | 3.34 | .75 | 10.937 | 5.931 | 1.334 |
| 14 | 1.88 | -3.94 | 33.5 | -70.0 | 6.91 | 3.30 | .78 | 12.290 | 5.873 | 1.378 |
| 15 | 1.72 | -4.17 | 30.5 | -74.1 | 7.83 | 3.23 | .85 | 13.907 | 5.735 | 1.517 |
| 16 | 1.55 | -4.39 | 27.6 | -78.1 | 8.79 | 3.11 | .93 | 15.624 | 5.525 | 1.656 |
| 17 | 1.69 | -5.75 | 30.1 | -102.2 | 12.30 | 3.62 | 1.26 | 21.852 | 6.426 | 2.240 |
| 18 | 1.41 | -4.53 | 25.1 | -80.4 | 10.17 | 3.17 | .38 | 18.069 | 5.633 | .672 |
| 19 | 1.23 | -4.56 | 21.9 | -81.0 | 10.80 | 2.92 | .42 | 19.188 | 5.184 | .752 |
| 20 | 1.08 | -4.58 | 19.2 | -81.3 | 11.41 | 2.69 | .45 | 20.273 | 4.774 | .801 |
| 21 | .92 | -4.59 | 16.4 | -81.5 | 12.00 | 2.42 | .47 | 21.325 | 4.297 | .843 |
| 22 | .77 | -4.59 | 13.7 | -81.6 | 12.58 | 2.11 | .50 | 22.357 | 3.753 | .880 |
| 23 | .63 | -4.60 | 11.2 | -81.8 | 13.17 | 1.81 | .52 | 23.410 | 3.218 | .932 |
| 24 | .49 | -4.62 | 8.7 | -82.1 | 13.79 | 1.46 | .56 | 24.516 | 2.594 | .987 |
| 25 | .35 | -4.64 | 6.1 | -82.5 | 14.42 | 1.07 | .59 | 25.630 | 1.908 | 1.041 |
| 26 | .29 | -4.70 | 5.1 | -83.5 | 15.17 | .93 | .60 | 26.961 | 1.652 | 1.059 |
| 27 | .24 | -4.76 | 4.3 | -84.5 | 15.95 | .81 | .60 | 28.343 | 1.433 | 1.072 |
| 28 | .19 | -4.82 | 3.4 | -85.6 | 16.74 | .67 | .61 | 29.750 | 1.193 | 1.085 |
| 29 | .15 | -4.87 | 2.6 | -86.6 | 17.55 | .52 | .62 | 31.184 | .932 | 1.098 |
| 30 | .10 | -4.93 | 1.7 | -87.7 | 18.37 | .37 | .63 | 32.644 | .650 | 1.111 |
| 31 | .05 | -4.99 | .9 | -88.8 | 19.20 | .20 | .63 | 34.130 | .348 | 1.125 |
| 32 | .00 | -5.05 | .1 | -89.8 | 20.05 | .01 | .64 | 35.642 | .025 | 1.138 |
| 33 | .02 | -5.01 | .4 | -89.1 | 20.51 | .08 | .64 | 36.452 | .145 | 1.134 |
| 34 | .05 | -4.94 | 1.0 | -87.9 | 20.84 | .23 | .63 | 37.030 | .408 | 1.127 |
| 35 | .09 | -4.87 | 1.6 | -86.6 | 21.14 | .39 | .63 | 37.578 | .687 | 1.119 |
| 36 | .12 | -4.81 | 2.2 | -85.4 | 21.44 | .55 | .63 | 38.096 | .980 | 1.111 |
| 37 | .16 | -4.74 | 2.8 | -84.2 | 21.71 | .73 | .62 | 38.583 | 1.289 | 1.103 |
| 38 | .19 | -4.67 | 3.4 | -82.9 | 21.97 | .91 | .62 | 39.040 | 1.612 | 1.095 |
| 39 | .44 | -9.01 | 7.9 | -160.1 | 44.06 | 2.18 | 1.21 | 78.310 | 3.868 | 2.148 |

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA

DATA FOR WIND DIR. 350 REF. PRESS.-51.PSF GUST FACTOR= 1.320 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

| FLOOR | CFX | CFY | FORCE(X) (KIPS) | FORCE(Y) (KIPS) | CMX | CMY | CMZ | MOM(X) | MOM(Y) (1000-FT-KIPS) | MOM(Z) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .73 | -3.81 | 12.9 | -67.7 | .34 | .07 | .53 | .609 | .116 | .949 |
| 2 | 1.13 | -3.23 | 20.1 | -57.3 | .89 | .31 | .38 | 1.575 | .553 | .669 |
| 3 | 1.07 | -2.01 | 19.0 | -35.7 | .81 | .43 | .55 | 1.434 | .764 | .975 |
| 4 | 1.22 | -1.95 | 21.6 | -34.6 | 1.02 | .64 | .52 | 1.815 | 1.135 | .918 |
| 5 | 1.34 | -1.93 | 23.8 | -34.2 | 1.25 | .87 | .49 | 2.216 | 1.542 | .863 |
| 6 | 1.42 | -1.90 | 25.3 | -33.9 | 1.47 | 1.09 | .44 | 2.608 | 1.946 | .791 |
| 7 | 1.50 | -2.01 | 26.7 | -35.7 | 1.79 | 1.34 | .48 | 3.188 | 2.387 | .849 |
| 8 | 1.59 | -2.17 | 28.2 | -38.6 | 2.21 | 1.61 | .55 | 3.921 | 2.866 | .972 |
| 9 | 2.07 | -2.91 | 36.8 | -51.7 | 3.35 | 2.39 | .76 | 5.962 | 4.247 | 1.357 |
| 10 | 2.04 | -2.61 | 36.3 | -46.4 | 3.30 | 2.58 | .44 | 5.859 | 4.580 | .789 |
| 11 | 1.93 | -2.67 | 34.2 | -47.5 | 3.70 | 2.67 | .44 | 6.580 | 4.745 | .788 |
| 12 | 1.82 | -2.75 | 32.3 | -48.8 | 4.14 | 2.74 | .44 | 7.364 | 4.871 | .780 |
| 13 | 1.71 | -2.82 | 30.3 | -50.1 | 4.60 | 2.78 | .43 | 8.180 | 4.949 | .773 |
| 14 | 1.59 | -2.94 | 28.2 | -52.2 | 5.15 | 2.79 | .46 | 9.153 | 4.950 | .813 |
| 15 | 1.45 | -3.13 | 25.7 | -55.7 | 5.88 | 2.72 | .54 | 10.454 | 4.832 | .955 |
| 16 | 1.31 | -3.33 | 23.3 | -59.2 | 6.66 | 2.62 | .62 | 11.841 | 4.652 | 1.097 |
| 17 | 1.42 | -4.39 | 25.2 | -77.9 | 9.38 | 3.04 | .87 | 16.666 | 5.396 | 1.539 |
| 18 | 1.20 | -3.69 | 21.3 | -65.6 | 8.29 | 2.69 | .28 | 14.730 | 4.775 | .501 |
| 19 | 1.03 | -3.75 | 18.3 | -66.6 | 8.88 | 2.44 | .33 | 15.788 | 4.332 | .583 |
| 20 | .88 | -3.80 | 15.6 | -67.5 | 9.47 | 2.19 | .36 | 16.835 | 3.887 | .646 |
| 21 | .73 | -3.84 | 12.9 | -68.3 | 10.04 | 1.90 | .39 | 17.851 | 3.376 | .699 |
| 22 | .58 | -3.87 | 10.2 | -68.8 | 10.61 | 1.57 | .42 | 18.852 | 2.799 | .747 |
| 23 | .44 | -3.91 | 7.8 | -69.5 | 11.19 | 1.25 | .46 | 19.893 | 2.225 | .809 |
| 24 | .29 | -3.96 | 5.2 | -70.4 | 11.83 | .87 | .49 | 21.023 | 1.553 | .877 |
| 25 | .15 | -4.02 | 2.6 | -71.4 | 12.48 | .46 | .53 | 22.177 | .817 | .944 |
| 26 | .07 | -4.11 | 1.2 | -73.1 | 13.29 | .21 | .54 | 23.617 | .376 | .959 |
| 27 | -.01 | -4.22 | -.2 | -74.9 | 14.14 | -.03 | .54 | 25.134 | -.055 | .967 |
| 28 | -.08 | -4.32 | -1.5 | -76.8 | 15.02 | -.29 | .55 | 26.697 | -.519 | .975 |
| 29 | -.16 | -4.42 | -2.8 | -78.6 | 15.93 | -.57 | .55 | 28.304 | -1.016 | .984 |
| 30 | -.23 | -4.53 | -4.2 | -80.5 | 16.86 | -.87 | .56 | 29.957 | -1.546 | .992 |
| 31 | -.31 | -4.63 | -5.5 | -82.3 | 17.81 | -1.19 | .56 | 31.655 | -2.108 | 1.000 |
| 32 | -.38 | -4.74 | -6.8 | -84.2 | 18.79 | -1.52 | .57 | 33.399 | -2.703 | 1.009 |
| 33 | -.37 | -4.74 | -6.7 | -84.3 | 19.40 | -1.53 | .57 | 34.477 | -2.725 | 1.014 |
| 34 | -.34 | -4.72 | -6.1 | -83.9 | 19.89 | -1.44 | .57 | 35.348 | -2.566 | 1.019 |
| 35 | -.31 | -4.70 | -5.5 | -83.5 | 20.37 | -1.35 | .58 | 36.209 | -2.392 | 1.024 |
| 36 | -.28 | -4.68 | -4.9 | -83.1 | 20.85 | -1.24 | .58 | 37.061 | -2.204 | 1.029 |
| 37 | -.25 | -4.65 | -4.4 | -82.7 | 21.33 | -1.13 | .58 | 37.903 | -2.002 | 1.033 |
| 38 | -.21 | -4.63 | -3.8 | -82.3 | 21.80 | -1.00 | .58 | 38.735 | -1.786 | 1.038 |
| 39 | -.31 | -8.99 | -5.5 | -159.8 | 43.98 | -1.51 | 1.14 | 78.167 | -2.689 | 2.022 |

INPUT PARAMETERS - QUAD BLOCK BUILDING -- TAMPA , FLORIDA
FORCES AND MOMENTS
SCALE FACTOR - 350.0 REF. PRESS - 51PSF, REF AREA- 200.SQ. FT., REF. LENGTH - 100.FT.
BUILDING WITH 39 FLOORS, STANDARD FLOOR HEIGHT - 12.3FT.
NON STANDARD FLOORS:

| FLOOR | HEIGHT (FT) |
|---|---|
| 1 | 18.0 |
| 2 | 16.0 |
| 39 | 24.9 |

SIDE DATA:

| SIDE ID | ANGLE (DEG) | Z AXIS POSITION (FT) |
|---|---|---|
| 101 | 90 | 61.5 |
| 153 | 90 | 86.6 |
| 157 | 90 | -65.0 |
| 170 | 90 | -90.1 |
| 201 | 0 | 61.5 |
| 250 | 0 | 86.6 |
| 262 | 0 | 111.7 |
| 269 | 0 | 136.8 |
| 301 | 270 | 61.5 |
| 347 | 270 | 86.6 |
| 374 | 270 | 111.7 |
| 397 | 270 | 61.5 |
| 501 | 180 | 61.5 |
| 549 | 180 | 36.5 |
| 577 | 180 | 11.4 |
| 597 | 180 | -140.3 |

# APPENDIX A

## PRESSURE DATA

Note: Pressure coefficients are defined in Section 4.3.

Pressure tap designation is explained in Figure 3.

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 101 | .121 | .106 | .566 | -.282 | 0 | 151 | .133 | .063 | .387 | -.049 | 0 | 223 | -.584 | .214 | -.120 | -1.639 |
| 0 | 102 | .275 | .108 | .717 | -.103 | 0 | 152 | .078 | .050 | .269 | -.089 | 0 | 224 | -.601 | .227 | -.139 | -2.226 |
| 0 | 103 | .334 | .111 | .679 | -.103 | 0 | 153 | .071 | .071 | .434 | -.129 | 0 | 225 | -.234 | .118 | .076 | -1.106 |
| 0 | 104 | .315 | .105 | .644 | -.057 | 0 | 154 | .096 | .082 | .418 | -.125 | 0 | 226 | -.194 | .106 | .062 | -.872 |
| 0 | 105 | .259 | .104 | .545 | -.197 | 0 | 155 | .023 | .050 | .329 | -.108 | 0 | 227 | -.275 | .162 | .088 | -.960 |
| 0 | 106 | .068 | .103 | .395 | -.425 | 0 | 156 | .061 | .063 | .387 | -.090 | 0 | 228 | -.500 | .214 | .058 | -1.379 |
| 0 | 107 | .152 | .110 | .495 | -.243 | 0 | 157 | -.316 | .208 | .401 | -.906 | 0 | 229 | -.645 | .227 | -.142 | -1.708 |
| 0 | 108 | .365 | .117 | .663 | -.065 | 0 | 158 | -.113 | .310 | .889 | -.873 | 0 | 230 | -.602 | .218 | -.070 | -1.590 |
| 0 | 109 | .490 | .115 | .846 | .115 | 0 | 159 | .010 | .273 | .716 | -.906 | 0 | 231 | -.216 | .089 | .016 | -.673 |
| 0 | 110 | .458 | .121 | .784 | .025 | 0 | 160 | -.315 | .141 | .156 | -.829 | 0 | 232 | -.188 | .079 | -.004 | -.709 |
| 0 | 111 | .336 | .103 | .687 | -.077 | 0 | 161 | -.146 | .175 | .336 | -.694 | 0 | 233 | -.227 | .082 | -.042 | -.643 |
| 0 | 112 | .028 | .113 | .346 | -.444 | 0 | 162 | -.236 | .126 | .179 | -.802 | 0 | 234 | -.151 | .061 | .015 | -.461 |
| 0 | 113 | .095 | .102 | .386 | -.313 | 0 | 163 | -.247 | .141 | .301 | -.838 | 0 | 235 | -.124 | .077 | .088 | -.640 |
| 0 | 114 | .346 | .112 | .747 | -.032 | 0 | 164 | -.078 | .138 | .437 | -.632 | 0 | 236 | -.219 | .148 | .026 | -1.129 |
| 0 | 115 | .576 | .147 | 1.013 | .162 | 0 | 165 | -.125 | .070 | .118 | -.420 | 0 | 237 | -.474 | .205 | .005 | -1.318 |
| 0 | 116 | .553 | .145 | .939 | .135 | 0 | 166 | -.025 | .080 | .274 | -.365 | 0 | 238 | -.506 | .184 | -.093 | -1.451 |
| 0 | 117 | .302 | .118 | .624 | -.151 | 0 | 167 | -.077 | .051 | .117 | -.287 | 0 | 239 | -.196 | .071 | -.036 | -.525 |
| 0 | 118 | .097 | .097 | .383 | -.269 | 0 | 168 | -.046 | .054 | .187 | -.322 | 0 | 240 | -.172 | .057 | -.024 | -.461 |
| 0 | 119 | .061 | .115 | .423 | -.359 | 0 | 169 | .074 | .094 | .478 | -.238 | 0 | 241 | -.195 | .074 | -.021 | -.569 |
| 0 | 120 | .258 | .128 | .639 | -.082 | 0 | 170 | -.001 | .103 | .422 | -.376 | 0 | 242 | -.122 | .052 | .020 | -.383 |
| 0 | 121 | .471 | .152 | .947 | .078 | 0 | 171 | .167 | .154 | .870 | -.358 | 0 | 243 | -.045 | .036 | .119 | -.206 |
| 0 | 122 | .438 | .146 | .885 | .072 | 0 | 172 | .152 | .125 | .718 | -.267 | 0 | 244 | .013 | .049 | .219 | -.204 |
| 0 | 123 | .196 | .114 | .544 | -.156 | 0 | 173 | -.073 | .049 | .132 | -.300 | 0 | 245 | -.066 | .058 | .128 | -.371 |
| 0 | 124 | -.041 | .111 | .278 | -.445 | 0 | 174 | .004 | .075 | .305 | -.281 | 0 | 246 | -.113 | .073 | .081 | -.468 |
| 0 | 125 | -.055 | .107 | .308 | -.393 | 0 | 175 | -.026 | .039 | .114 | -.199 | 0 | 247 | .080 | .059 | .350 | -.067 |
| 0 | 126 | .160 | .113 | .558 | -.158 | 0 | 176 | -.035 | .050 | .164 | -.213 | 0 | 248 | .037 | .049 | .206 | -.190 |
| 0 | 127 | .321 | .131 | .744 | -.005 | 0 | 177 | .032 | .057 | .324 | -.113 | 0 | 249 | .018 | .051 | .253 | -.274 |
| 0 | 128 | .291 | .134 | .714 | -.030 | 0 | 178 | .107 | .070 | .421 | -.075 | 0 | 250 | -.221 | .098 | .005 | -.771 |
| 0 | 129 | .105 | .103 | .547 | -.213 | 0 | 201 | -.266 | .113 | .068 | -1.043 | 0 | 251 | -.220 | .090 | .074 | -.723 |
| 0 | 130 | -.083 | .103 | .336 | -.427 | 0 | 202 | -.256 | .110 | .113 | -.782 | 0 | 252 | -.228 | .087 | -.014 | -.724 |
| 0 | 131 | .061 | .089 | .402 | -.194 | 0 | 203 | -.363 | .147 | .102 | -.936 | 0 | 253 | -.247 | .102 | .062 | -.801 |
| 0 | 132 | -.051 | .084 | .355 | -.381 | 0 | 204 | -.552 | .146 | -.115 | -1.093 | 0 | 254 | -.223 | .085 | .015 | -.628 |
| 0 | 133 | -.092 | .107 | .391 | -.449 | 0 | 205 | -.630 | .181 | -.197 | -1.336 | 0 | 255 | -.272 | .101 | .023 | -.783 |
| 0 | 134 | .044 | .096 | .483 | -.206 | 0 | 206 | -.741 | .313 | -.082 | -1.764 | 0 | 256 | -.257 | .091 | -.044 | -.685 |
| 0 | 135 | .112 | .080 | .454 | -.108 | 0 | 207 | -.242 | .118 | .121 | -.802 | 0 | 257 | -.267 | .092 | -.048 | -.711 |
| 0 | 136 | .100 | .064 | .333 | -.072 | 0 | 208 | -.248 | .112 | .096 | -.644 | 0 | 258 | -.270 | .105 | -.049 | -1.066 |
| 0 | 137 | -.005 | .059 | .271 | -.216 | 0 | 209 | -.369 | .148 | .132 | -1.158 | 0 | 259 | -.230 | .093 | -.036 | -.800 |
| 0 | 138 | -.090 | .065 | .189 | -.363 | 0 | 210 | -.518 | .134 | -.138 | -1.068 | 0 | 260 | -.270 | .106 | .017 | -.690 |
| 0 | 139 | -.065 | .036 | .048 | -.199 | 0 | 211 | -.712 | .261 | -.158 | -1.620 | 0 | 261 | -.269 | .107 | -.017 | -.739 |
| 0 | 140 | -.100 | .048 | .038 | -.296 | 0 | 212 | -.774 | .323 | -.190 | -2.303 | 0 | 262 | -.292 | .125 | -.014 | -1.015 |
| 0 | 141 | .000 | .044 | .179 | -.189 | 0 | 213 | -.335 | .188 | .116 | -1.189 | 0 | 263 | -.288 | .117 | -.005 | -.922 |
| 0 | 142 | .029 | .041 | .209 | -.120 | 0 | 214 | -.319 | .165 | .135 | -.948 | 0 | 264 | -.265 | .105 | -.067 | -.759 |
| 0 | 143 | .085 | .045 | .268 | -.069 | 0 | 215 | -.456 | .188 | .195 | -1.148 | 0 | 265 | -.252 | .110 | .071 | -.804 |
| 0 | 144 | .079 | .046 | .264 | -.051 | 0 | 216 | -.590 | .196 | -.074 | -1.328 | 0 | 266 | -.238 | .097 | -.055 | -.761 |
| 0 | 145 | .006 | .035 | .147 | -.157 | 0 | 217 | -.558 | .188 | -.090 | -1.337 | 0 | 267 | -.182 | .112 | .316 | -.831 |
| 0 | 146 | -.020 | .040 | .131 | -.196 | 0 | 218 | -.498 | .180 | -.035 | -1.426 | 0 | 268 | -.216 | .088 | -.014 | -.642 |
| 0 | 147 | .083 | .051 | .287 | -.079 | 0 | 219 | -.275 | .171 | .167 | -1.191 | 0 | 269 | -.074 | .042 | .076 | -.275 |
| 0 | 148 | .140 | .061 | .364 | -.047 | 0 | 220 | -.278 | .167 | .227 | -1.015 | 0 | 270 | -.063 | .036 | .064 | -.206 |
| 0 | 149 | .237 | .088 | .580 | .018 | 0 | 221 | -.392 | .190 | .106 | -1.134 | 0 | 271 | -.078 | .033 | .051 | -.211 |
| 0 | 150 | .229 | .087 | .519 | .024 | 0 | 222 | -.541 | .205 | .128 | -1.378 | 0 | 272 | -.105 | .043 | .009 | -.289 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 273 | -.136 | .060 | .047 | -.491 | 0 | 344 | -.263 | .096 | -.036 | -.727 | 0 | 394 | -.114 | .060 | .009 | -.438 |
| 0 | 274 | -.207 | .088 | .002 | -.635 | 0 | 345 | -.252 | .097 | -.028 | -.763 | 0 | 395 | -.108 | .056 | .021 | -.451 |
| 0 | 275 | -.074 | .050 | .058 | -.474 | 0 | 346 | -.249 | .099 | -.035 | -.767 | 0 | 396 | -.112 | .062 | .073 | -.498 |
| 0 | 276 | -.064 | .035 | .052 | -.205 | 0 | 347 | -.215 | .110 | .131 | -.796 | 0 | 397 | -.097 | .058 | .032 | -.628 |
| 0 | 277 | -.062 | .030 | .062 | -.172 | 0 | 348 | -.219 | .111 | .050 | -.744 | 0 | 398 | -.110 | .057 | .051 | -.478 |
| 0 | 278 | -.054 | .032 | .045 | -.175 | 0 | 349 | -.225 | .087 | -.004 | -.682 | 0 | 399 | -.089 | .041 | .023 | -.329 |
| 0 | 279 | -.096 | .043 | .047 | -.289 | 0 | 350 | -.201 | .064 | -.060 | -.473 | 0 | 400 | -.093 | .060 | .054 | -.782 |
| 0 | 280 | -.152 | .064 | .045 | -.449 | 0 | 351 | -.210 | .078 | -.020 | -.580 | 0 | 401 | -.089 | .059 | .059 | -.556 |
| 0 | 301 | -.247 | .108 | .079 | -.687 | 0 | 352 | -.212 | .083 | -.017 | -.616 | 0 | 402 | -.094 | .060 | .037 | -.601 |
| 0 | 302 | -.255 | .113 | .071 | -.792 | 0 | 353 | -.229 | .103 | -.003 | -.681 | 0 | 403 | -.096 | .049 | .091 | -.388 |
| 0 | 303 | -.248 | .097 | .091 | -.788 | 0 | 354 | -.231 | .105 | .015 | -.727 | 0 | 404 | -.088 | .048 | .142 | -.424 |
| 0 | 304 | -.261 | .089 | -.003 | -.750 | 0 | 355 | -.264 | .116 | .044 | -.863 | 0 | 405 | -.070 | .035 | .065 | -.231 |
| 0 | 305 | -.248 | .098 | .116 | -.646 | 0 | 356 | -.282 | .127 | .004 | -.949 | 0 | 406 | -.081 | .043 | .032 | -.322 |
| 0 | 306 | -.250 | .097 | .092 | -.621 | 0 | 357 | -.173 | .067 | -.014 | -.707 | 0 | 407 | -.088 | .056 | .037 | -.376 |
| 0 | 307 | -.265 | .114 | .057 | -.697 | 0 | 358 | -.175 | .070 | -.032 | -.624 | 0 | 408 | -.085 | .056 | .039 | -.433 |
| 0 | 308 | -.253 | .104 | .063 | -.662 | 0 | 359 | -.205 | .083 | -.001 | -.541 | 0 | 501 | -.547 | .225 | -.191 | -1.842 |
| 0 | 309 | -.211 | .082 | -.006 | -.500 | 0 | 360 | -.216 | .085 | .009 | -.571 | 0 | 502 | -.516 | .156 | -.188 | -1.145 |
| 0 | 310 | -.243 | .085 | .007 | -.601 | 0 | 361 | -.314 | .140 | -.014 | -1.122 | 0 | 503 | -.504 | .133 | -.161 | -1.054 |
| 0 | 311 | -.236 | .092 | .038 | -.692 | 0 | 362 | -.327 | .160 | -.006 | -1.295 | 0 | 504 | -.454 | .155 | .070 | -1.169 |
| 0 | 312 | -.244 | .090 | .028 | -.697 | 0 | 363 | -.222 | .088 | .015 | -.775 | 0 | 505 | -.322 | .166 | .282 | -1.148 |
| 0 | 313 | -.287 | .115 | -.003 | -.847 | 0 | 364 | -.251 | .103 | -.043 | -.762 | 0 | 506 | -.324 | .153 | .065 | -.984 |
| 0 | 314 | -.252 | .095 | -.008 | -.792 | 0 | 365 | -.245 | .092 | -.063 | -.740 | 0 | 507 | -.523 | .236 | -.132 | -1.807 |
| 0 | 315 | -.209 | .067 | -.057 | -.581 | 0 | 366 | -.254 | .094 | -.040 | -.662 | 0 | 508 | -.533 | .227 | -.134 | -1.505 |
| 0 | 316 | -.211 | .075 | -.017 | -.622 | 0 | 367 | -.258 | .099 | -.016 | -.705 | 0 | 509 | -.498 | .139 | -.054 | -1.097 |
| 0 | 317 | -.249 | .097 | .031 | -.771 | 0 | 368 | -.264 | .103 | -.056 | -.966 | 0 | 510 | -.446 | .161 | .061 | -1.560 |
| 0 | 318 | -.282 | .125 | .047 | -.846 | 0 | 369 | -.274 | .109 | -.032 | -.816 | 0 | 511 | -.303 | .147 | .143 | -.900 |
| 0 | 319 | -.273 | .125 | .057 | -.766 | 0 | 370 | -.229 | .088 | .004 | -.650 | 0 | 512 | -.336 | .181 | .159 | -1.059 |
| 0 | 320 | -.240 | .097 | .040 | -.656 | 0 | 371 | -.247 | .102 | -.049 | -.951 | 0 | 513 | -.461 | .169 | -.117 | -1.627 |
| 0 | 321 | -.191 | .058 | -.026 | -.467 | 0 | 372 | -.206 | .087 | .075 | -.627 | 0 | 514 | -.468 | .167 | -.068 | -1.249 |
| 0 | 322 | -.188 | .068 | -.000 | -.552 | 0 | 373 | -.231 | .093 | -.027 | -.665 | 0 | 515 | -.479 | .173 | .003 | -1.185 |
| 0 | 323 | -.237 | .105 | .040 | -.719 | 0 | 374 | -.101 | .060 | .087 | -.486 | 0 | 516 | -.425 | .163 | .037 | -1.200 |
| 0 | 324 | -.265 | .136 | .097 | -.804 | 0 | 375 | -.102 | .061 | .113 | -.460 | 0 | 517 | -.398 | .203 | .160 | -1.159 |
| 0 | 325 | -.274 | .126 | .005 | -.785 | 0 | 376 | -.128 | .059 | .108 | -.584 | 0 | 518 | -.402 | .232 | .110 | -1.538 |
| 0 | 326 | -.237 | .099 | .007 | -.664 | 0 | 377 | -.194 | .088 | -.034 | -1.001 | 0 | 519 | -.483 | .208 | -.061 | -1.738 |
| 0 | 327 | -.275 | .105 | -.026 | -.843 | 0 | 378 | -.260 | .138 | -.017 | -1.223 | 0 | 520 | -.500 | .208 | -.035 | -1.772 |
| 0 | 328 | -.252 | .100 | -.005 | -.978 | 0 | 379 | -.251 | .130 | -.018 | -1.047 | 0 | 521 | -.481 | .193 | -.028 | -1.573 |
| 0 | 329 | -.281 | .119 | .005 | -1.180 | 0 | 380 | -.099 | .056 | .101 | -.448 | 0 | 522 | -.428 | .190 | .064 | -1.309 |
| 0 | 330 | -.267 | .110 | -.043 | -1.363 | 0 | 381 | -.101 | .056 | .075 | -.441 | 0 | 523 | -.397 | .211 | .158 | -1.293 |
| 0 | 331 | -.240 | .078 | -.072 | -.640 | 0 | 382 | -.100 | .052 | .049 | -.424 | 0 | 524 | -.417 | .239 | .111 | -1.432 |
| 0 | 332 | -.229 | .080 | -.003 | -.711 | 0 | 383 | -.105 | .058 | .065 | -.413 | 0 | 525 | -.337 | .178 | .115 | -.971 |
| 0 | 333 | -.226 | .091 | -.012 | -.654 | 0 | 384 | -.110 | .057 | .032 | -.457 | 0 | 526 | -.349 | .205 | .057 | -1.234 |
| 0 | 334 | -.229 | .097 | -.012 | -.718 | 0 | 385 | -.127 | .063 | .018 | -.601 | 0 | 527 | -.313 | .161 | .032 | -1.077 |
| 0 | 336 | -.237 | .094 | -.043 | -.811 | 0 | 386 | -.207 | .105 | -.020 | -.840 | 0 | 528 | -.327 | .182 | .025 | -1.180 |
| 0 | 337 | -.236 | .094 | -.033 | -.723 | 0 | 387 | -.227 | .110 | -.026 | -.974 | 0 | 529 | -.465 | .187 | -.086 | -1.450 |
| 0 | 338 | -.236 | .091 | -.040 | -.638 | 0 | 388 | -.103 | .051 | .020 | -.357 | 0 | 530 | -.472 | .201 | .042 | -1.438 |
| 0 | 339 | -.239 | .096 | -.053 | -.647 | 0 | 389 | -.107 | .053 | .018 | -.398 | 0 | 531 | -.447 | .192 | .092 | -1.231 |
| 0 | 340 | -.251 | .097 | -.039 | -.706 | 0 | 390 | -.117 | .058 | .006 | -.483 | 0 | 532 | -.408 | .197 | .075 | -1.507 |
| 0 | 341 | -.245 | .098 | -.031 | -.766 | 0 | 391 | -.115 | .050 | .004 | -.355 | 0 | 533 | -.311 | .164 | .094 | -1.182 |
| 0 | 342 | -.244 | .101 | -.031 | -.871 | 0 | 392 | -.168 | .085 | .032 | -.541 | 0 | 534 | -.256 | .132 | .171 | -.980 |
| 0 | 343 | -.264 | .095 | -.034 | -.730 | 0 | 393 | -.187 | .095 | .020 | -.737 | 0 | 535 | -.306 | .170 | .086 | -1.408 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 536 | -.423 | .143 | -.021 | -.986 | 0 | 586 | -.245 | .085 | -.041 | -.712 | 0 | 736 | -.085 | .052 | .065 | -.319 |
| 0 | 537 | -.462 | .174 | .197 | -1.308 | 0 | 587 | -.118 | .052 | .017 | -.379 | 0 | 901 | -.096 | .041 | .067 | -.350 |
| 0 | 538 | -.307 | .134 | .104 | -.822 | 0 | 588 | -.072 | .035 | .040 | -.289 | 0 | 902 | -.104 | .044 | .022 | -.402 |
| 0 | 539 | -.320 | .141 | .265 | -.889 | 0 | 589 | -.078 | .036 | .035 | -.242 | 0 | 903 | -.116 | .047 | -.001 | -.361 |
| 0 | 540 | -.252 | .123 | .159 | -.699 | 0 | 590 | -.088 | .040 | .039 | -.272 | 0 | 904 | -.104 | .042 | .021 | -.305 |
| 0 | 541 | -.277 | .134 | .170 | -.805 | 0 | 591 | -.214 | .097 | .003 | -.664 | 0 | 905 | -.179 | .063 | -.018 | -.454 |
| 0 | 542 | -.272 | .130 | .181 | -.770 | 0 | 592 | -.171 | .075 | .037 | -.492 | 0 | 906 | -.056 | .045 | .128 | -.258 |
| 0 | 543 | -.172 | .093 | .069 | -.620 | 0 | 593 | -.056 | .032 | .057 | -.191 | 0 | 907 | -.119 | .045 | .043 | -.359 |
| 0 | 544 | -.166 | .086 | .103 | -.641 | 0 | 594 | -.046 | .027 | .053 | -.156 | 0 | 908 | -.068 | .039 | .095 | -.237 |
| 0 | 545 | -.089 | .066 | .100 | -.586 | 0 | 595 | -.055 | .033 | .051 | -.213 | 0 | 909 | -.042 | .069 | .295 | -.307 |
| 0 | 546 | -.074 | .057 | .157 | -.391 | 0 | 596 | -.060 | .032 | .021 | -.228 | 0 | 910 | -.060 | .064 | .230 | -.379 |
| 0 | 547 | -.061 | .073 | .158 | -.516 | 0 | 597 | -.111 | .052 | -.008 | -.433 | 0 | 911 | -.247 | .150 | .142 | -.956 |
| 0 | 548 | -.038 | .077 | .217 | -.415 | 0 | 598 | -.117 | .057 | .001 | -.470 | 0 | 912 | -.228 | .161 | .295 | -.969 |
| 0 | 549 | -.761 | .265 | -.177 | -1.886 | 0 | 599 | -.090 | .050 | .018 | -.375 | 0 | 913 | -.130 | .081 | .192 | -.572 |
| 0 | 550 | -.540 | .183 | -.055 | -1.312 | 0 | 600 | -.101 | .062 | .054 | -.537 | 0 | 914 | -.102 | .071 | .164 | -.650 |
| 0 | 551 | -.413 | .166 | -.093 | -1.176 | 0 | 701 | -.158 | .078 | .082 | -.500 | 0 | 915 | -.061 | .069 | .222 | -.477 |
| 0 | 552 | -.317 | .157 | .062 | -.986 | 0 | 702 | -.633 | .230 | .021 | -1.503 | 0 | 916 | -.041 | .074 | .343 | -.435 |
| 0 | 553 | -.263 | .140 | .134 | -1.021 | 0 | 703 | -.569 | .218 | -.086 | -1.828 | 0 | 917 | -.253 | .097 | -.054 | -.767 |
| 0 | 554 | -.266 | .140 | .097 | -.950 | 0 | 704 | -.798 | .276 | -.049 | -2.110 | 0 | 918 | -.211 | .074 | -.037 | -.633 |
| 0 | 555 | -.219 | .107 | .062 | -.734 | 0 | 705 | -.602 | .278 | -.047 | -1.901 | 0 | 919 | -.203 | .071 | -.020 | -.631 |
| 0 | 556 | -.222 | .110 | .084 | -.713 | 0 | 706 | -.018 | .057 | .192 | -.346 | 0 | 920 | -.414 | .206 | .085 | -1.609 |
| 0 | 557 | -.509 | .138 | -.180 | -1.108 | 0 | 707 | -.607 | .252 | -.201 | -1.815 | 0 | 921 | -.457 | .224 | .225 | -1.711 |
| 0 | 558 | -.467 | .127 | -.119 | -.947 | 0 | 708 | -.481 | .208 | -.059 | -1.667 | 0 | 922 | -.308 | .174 | .157 | -1.549 |
| 0 | 559 | -.279 | .123 | -.021 | -.782 | 0 | 709 | -.553 | .251 | .103 | -2.143 | 0 | 923 | -.244 | .149 | .093 | -1.227 |
| 0 | 560 | -.215 | .115 | .013 | -.942 | 0 | 710 | -.266 | .120 | .170 | -.797 | 0 | 924 | -.213 | .151 | .138 | -1.170 |
| 0 | 561 | -.213 | .098 | -.007 | -.681 | 0 | 711 | -.073 | .064 | .164 | -.349 | 0 | 925 | -.209 | .139 | .131 | -.854 |
| 0 | 562 | -.226 | .102 | -.023 | -.779 | 0 | 712 | -.358 | .180 | -.052 | -1.245 | 0 | 926 | -.239 | .080 | -.034 | -.723 |
| 0 | 563 | -.323 | .127 | -.008 | -1.051 | 0 | 713 | -.261 | .109 | .065 | -.791 | 0 | 927 | -.221 | .079 | -.006 | -.687 |
| 0 | 564 | -.272 | .112 | .086 | -.789 | 0 | 714 | -.020 | .049 | .152 | -.210 | 0 | 928 | -.202 | .072 | -.003 | -.615 |
| 0 | 565 | -.289 | .130 | .035 | -.947 | 0 | 715 | -.360 | .123 | .067 | -.867 | 0 | 929 | -.434 | .083 | -.197 | -.687 |
| 0 | 566 | -.204 | .110 | .088 | -.790 | 0 | 716 | -.185 | .079 | .024 | -.548 | 0 | 930 | -.481 | .102 | -.155 | -.817 |
| 0 | 567 | -.138 | .076 | .128 | -.487 | 0 | 717 | -.340 | .154 | .056 | -1.168 | 0 | 931 | -.386 | .129 | .166 | -.965 |
| 0 | 568 | -.170 | .065 | .035 | -.451 | 0 | 718 | -.390 | .219 | .034 | -1.624 | 0 | 932 | -.433 | .083 | -.200 | -.675 |
| 0 | 569 | -.208 | .081 | .052 | -.638 | 0 | 719 | -.279 | .139 | .003 | -1.115 | 0 | 933 | -.425 | .122 | .110 | -.875 |
| 0 | 570 | -.208 | .080 | -.012 | -.651 | 0 | 720 | -.224 | .121 | .061 | -.817 | 0 | 934 | -.517 | .114 | -.178 | -.933 |
| 0 | 571 | -.025 | .100 | .394 | -.386 | 0 | 721 | -.310 | .133 | -.023 | -1.057 | 0 | 935 | -.532 | .110 | -.195 | -1.062 |
| 0 | 572 | -.072 | .050 | .074 | -.342 | 0 | 722 | -.104 | .062 | .091 | -.644 | 0 | 936 | -.373 | .109 | .038 | -.779 |
| 0 | 573 | -.041 | .048 | .127 | -.225 | 0 | 723 | -.096 | .053 | .035 | -.399 | 0 | 937 | -.525 | .121 | -.188 | -.938 |
| 0 | 574 | -.046 | .042 | .085 | -.221 | 0 | 724 | -.104 | .057 | .027 | -.457 | 0 | 938 | -.554 | .127 | -.140 | -.980 |
| 0 | 575 | -.023 | .039 | .123 | -.187 | 0 | 725 | -.274 | .104 | .019 | -.864 | 0 | 939 | -.304 | .115 | .105 | -.704 |
| 0 | 576 | -.036 | .052 | .120 | -.313 | 0 | 726 | -.338 | .202 | .042 | -1.459 | 0 | 940 | -.534 | .126 | -.209 | -.941 |
| 0 | 577 | -.470 | .172 | -.067 | -1.165 | 0 | 727 | -.255 | .112 | -.036 | -.876 | 0 | 941 | -.527 | .134 | -.080 | -1.109 |
| 0 | 578 | -.349 | .129 | -.034 | -.892 | 0 | 728 | -.258 | .096 | -.056 | -.823 | 0 | 942 | -.267 | .120 | .112 | -.666 |
| 0 | 579 | -.201 | .080 | .015 | -.508 | 0 | 729 | -.242 | .101 | -.048 | -.766 | 10 | 101 | .232 | .110 | .686 | -.101 |
| 0 | 580 | -.138 | .056 | .008 | -.403 | 0 | 730 | -.257 | .102 | .013 | -.824 | 10 | 102 | .356 | .109 | .771 | -.037 |
| 0 | 581 | -.103 | .053 | .040 | -.441 | 0 | 731 | -.263 | .097 | -.043 | -.716 | 10 | 103 | .341 | .102 | .783 | -.013 |
| 0 | 582 | -.101 | .053 | .056 | -.476 | 0 | 732 | -.248 | .100 | -.030 | -.679 | 10 | 104 | .295 | .100 | .645 | -.034 |
| 0 | 583 | -.088 | .050 | .053 | -.388 | 0 | 733 | -.265 | .126 | .001 | -.883 | 10 | 105 | .204 | .087 | .566 | -.108 |
| 0 | 584 | -.104 | .055 | .047 | -.357 | 0 | 734 | -.176 | .084 | .130 | -.586 | 10 | 106 | .042 | .077 | .314 | -.300 |
| 0 | 585 | -.266 | .096 | -.043 | -.791 | 0 | 735 | -.113 | .059 | .061 | -.606 | 10 | 107 | .258 | .128 | .720 | -.110 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 108 | .422 | .124 | .864 | .014 | 10 | 158 | -.423 | .180 | .506 | -.933 | 10 | 230 | -.612 | .178 | -.118 | -1.528 |
| 10 | 109 | .478 | .122 | .875 | .073 | 10 | 159 | -.306 | .224 | .528 | -.954 | 10 | 231 | -.254 | .066 | -.078 | -.502 |
| 10 | 110 | .433 | .114 | .775 | .039 | 10 | 160 | -.380 | .099 | -.035 | -.743 | 10 | 232 | -.211 | .060 | -.018 | -.469 |
| 10 | 111 | .279 | .090 | .538 | -.015 | 10 | 161 | -.275 | .162 | .372 | -.713 | 10 | 233 | -.294 | .075 | -.091 | -.564 |
| 10 | 112 | .032 | .067 | .259 | -.245 | 10 | 162 | -.331 | .097 | -.037 | -.775 | 10 | 234 | -.193 | .053 | -.025 | -.420 |
| 10 | 113 | .144 | .103 | .584 | -.314 | 10 | 163 | -.326 | .110 | .072 | -.827 | 10 | 235 | -.110 | .046 | .065 | -.360 |
| 10 | 114 | .401 | .121 | .804 | .017 | 10 | 164 | -.189 | .138 | .282 | -.661 | 10 | 236 | -.157 | .116 | .065 | -.957 |
| 10 | 115 | .588 | .130 | .949 | .167 | 10 | 165 | -.214 | .075 | .006 | -.549 | 10 | 237 | -.452 | .207 | .091 | -1.506 |
| 10 | 116 | .528 | .120 | .871 | .101 | 10 | 166 | -.115 | .096 | .348 | -.449 | 10 | 238 | -.447 | .167 | -.025 | -1.110 |
| 10 | 117 | .270 | .087 | .518 | -.064 | 10 | 167 | -.147 | .051 | .029 | -.384 | 10 | 239 | -.240 | .065 | -.070 | -.524 |
| 10 | 118 | .088 | .066 | .313 | -.139 | 10 | 168 | -.089 | .068 | .209 | -.442 | 10 | 240 | -.201 | .052 | -.056 | -.405 |
| 10 | 119 | .140 | .116 | .586 | -.202 | 10 | 169 | .000 | .102 | .421 | -.336 | 10 | 241 | -.246 | .068 | -.076 | -.566 |
| 10 | 120 | .328 | .124 | .758 | -.051 | 10 | 170 | -.103 | .100 | .357 | -.413 | 10 | 242 | -.159 | .045 | -.028 | -.377 |
| 10 | 121 | .517 | .132 | .934 | .108 | 10 | 171 | .092 | .184 | .818 | -.483 | 10 | 243 | -.041 | .036 | .161 | -.148 |
| 10 | 122 | .449 | .118 | .820 | .094 | 10 | 172 | .118 | .152 | .603 | -.453 | 10 | 244 | .042 | .044 | .199 | -.133 |
| 10 | 123 | .196 | .088 | .552 | -.059 | 10 | 173 | -.118 | .055 | .181 | -.404 | 10 | 245 | -.040 | .050 | .136 | -.263 |
| 10 | 124 | -.021 | .073 | .271 | -.308 | 10 | 174 | -.032 | .093 | .316 | -.404 | 10 | 246 | -.087 | .067 | .101 | -.346 |
| 10 | 125 | .040 | .110 | .574 | -.322 | 10 | 175 | -.071 | .042 | .096 | -.256 | 10 | 247 | .098 | .053 | .313 | -.044 |
| 10 | 126 | .256 | .119 | .715 | -.093 | 10 | 176 | -.071 | .063 | .207 | -.355 | 10 | 248 | .050 | .044 | .240 | -.143 |
| 10 | 127 | .392 | .137 | .797 | .021 | 10 | 177 | .055 | .082 | .446 | -.174 | 10 | 249 | .040 | .041 | .196 | -.150 |
| 10 | 128 | .338 | .115 | .735 | .010 | 10 | 178 | .145 | .089 | .488 | -.150 | 10 | 250 | -.283 | .082 | -.090 | -.846 |
| 10 | 129 | .114 | .083 | .632 | -.115 | 10 | 201 | -.203 | .048 | -.035 | -.435 | 10 | 251 | -.288 | .075 | -.091 | -.636 |
| 10 | 130 | -.074 | .072 | .339 | -.345 | 10 | 202 | -.210 | .046 | -.006 | -.425 | 10 | 252 | -.300 | .075 | -.094 | -.623 |
| 10 | 131 | .050 | .078 | .341 | -.195 | 10 | 203 | -.197 | .057 | -.029 | -.691 | 10 | 253 | -.323 | .089 | -.095 | -.829 |
| 10 | 132 | -.084 | .072 | .223 | -.337 | 10 | 204 | -.339 | .104 | -.138 | -.817 | 10 | 254 | -.288 | .078 | -.102 | -.599 |
| 10 | 133 | -.015 | .102 | .422 | -.336 | 10 | 205 | -.659 | .177 | -.138 | -1.285 | 10 | 255 | -.336 | .090 | -.107 | -.891 |
| 10 | 134 | .110 | .094 | .518 | -.177 | 10 | 206 | -1.006 | .221 | -.408 | -1.859 | 10 | 256 | -.344 | .088 | -.130 | -.728 |
| 10 | 135 | .142 | .074 | .462 | -.084 | 10 | 207 | -.184 | .047 | -.029 | -.384 | 10 | 257 | -.335 | .086 | -.124 | -.649 |
| 10 | 136 | .117 | .062 | .336 | -.059 | 10 | 208 | -.178 | .040 | -.053 | -.407 | 10 | 258 | -.333 | .093 | -.107 | -.765 |
| 10 | 137 | -.036 | .056 | .230 | -.231 | 10 | 209 | -.182 | .053 | -.048 | -.526 | 10 | 259 | -.305 | .091 | -.103 | -.761 |
| 10 | 138 | -.114 | .068 | .204 | -.374 | 10 | 210 | -.262 | .089 | .039 | -.608 | 10 | 260 | -.318 | .093 | -.079 | -.889 |
| 10 | 139 | -.102 | .035 | .031 | -.214 | 10 | 211 | -.842 | .199 | -.169 | -1.605 | 10 | 261 | -.327 | .096 | -.083 | -.821 |
| 10 | 140 | -.165 | .047 | -.022 | -.324 | 10 | 212 | -.998 | .245 | -.225 | -2.084 | 10 | 262 | -.349 | .107 | -.113 | -.886 |
| 10 | 141 | .018 | .042 | .216 | -.133 | 10 | 213 | -.204 | .054 | -.040 | -.643 | 10 | 263 | -.342 | .102 | -.109 | -.826 |
| 10 | 142 | .043 | .040 | .228 | -.084 | 10 | 214 | -.173 | .058 | .008 | -.482 | 10 | 264 | -.343 | .099 | -.118 | -.814 |
| 10 | 143 | .091 | .044 | .268 | -.032 | 10 | 215 | -.252 | .149 | .029 | -.946 | 10 | 265 | -.329 | .102 | .036 | -.794 |
| 10 | 144 | .080 | .048 | .264 | -.056 | 10 | 216 | -.596 | .199 | .015 | -1.161 | 10 | 266 | -.321 | .094 | -.062 | -.766 |
| 10 | 145 | -.020 | .036 | .137 | -.133 | 10 | 217 | -.682 | .137 | -.248 | -1.683 | 10 | 267 | -.227 | .103 | .341 | -.701 |
| 10 | 146 | -.055 | .040 | .099 | -.208 | 10 | 218 | -.632 | .125 | -.204 | -1.084 | 10 | 268 | -.288 | .090 | -.055 | -.617 |
| 10 | 147 | .094 | .050 | .341 | -.045 | 10 | 219 | -.223 | .064 | -.000 | -.623 | 10 | 269 | -.120 | .058 | .036 | -.528 |
| 10 | 148 | .152 | .061 | .501 | -.025 | 10 | 220 | -.200 | .075 | .003 | -.778 | 10 | 270 | -.104 | .045 | .024 | -.428 |
| 10 | 149 | .246 | .090 | .681 | -.003 | 10 | 221 | -.249 | .148 | .053 | -1.076 | 10 | 271 | -.105 | .034 | .009 | -.258 |
| 10 | 150 | .227 | .090 | .621 | -.024 | 10 | 222 | -.451 | .214 | .041 | -1.217 | 10 | 272 | -.123 | .046 | .048 | -.322 |
| 10 | 151 | .130 | .073 | .381 | -.118 | 10 | 223 | -.685 | .187 | -.005 | -1.439 | 10 | 273 | -.139 | .062 | .084 | -.499 |
| 10 | 152 | .062 | .061 | .299 | -.184 | 10 | 224 | -.749 | .257 | -.170 | -2.142 | 10 | 274 | -.212 | .086 | .053 | -.644 |
| 10 | 153 | .073 | .063 | .340 | -.102 | 10 | 225 | -.238 | .057 | -.084 | -.531 | 10 | 275 | -.109 | .056 | .023 | -.329 |
| 10 | 154 | .134 | .080 | .448 | -.230 | 10 | 226 | -.175 | .049 | -.018 | -.603 | 10 | 276 | -.098 | .044 | .021 | -.279 |
| 10 | 155 | .036 | .048 | .256 | -.113 | 10 | 227 | -.156 | .086 | .147 | -.886 | 10 | 277 | -.082 | .029 | .065 | -.196 |
| 10 | 156 | .094 | .063 | .370 | -.083 | 10 | 228 | -.318 | .199 | .061 | -1.134 | 10 | 278 | -.062 | .030 | .072 | -.211 |
| 10 | 157 | -.465 | .118 | -.003 | -.852 | 10 | 229 | -.623 | .189 | .069 | -1.422 | 10 | 279 | -.097 | .043 | .073 | -.275 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 280 | -.161 | .060 | .048 | -.447 | 10 | 351 | -.295 | .074 | -.085 | -.876 | 10 | 401 | -.162 | .099 | .023 | -.744 |
| 10 | 301 | -.282 | .085 | .029 | -.641 | 10 | 352 | -.294 | .075 | -.096 | -.819 | 10 | 402 | -.152 | .097 | .004 | -.691 |
| 10 | 302 | -.279 | .081 | .050 | -.646 | 10 | 353 | -.335 | .107 | -.003 | -.832 | 10 | 403 | -.140 | .073 | .084 | -.592 |
| 10 | 303 | -.243 | .066 | -.029 | -.822 | 10 | 354 | -.318 | .104 | -.011 | -.833 | 10 | 404 | -.124 | .070 | .103 | -.577 |
| 10 | 304 | -.219 | .056 | -.039 | -.473 | 10 | 355 | -.321 | .108 | -.044 | -.821 | 10 | 405 | -.111 | .044 | .058 | -.369 |
| 10 | 305 | -.218 | .058 | .012 | -.480 | 10 | 356 | -.319 | .117 | -.045 | -.869 | 10 | 406 | -.139 | .061 | .001 | -.465 |
| 10 | 306 | -.213 | .056 | .002 | -.420 | 10 | 357 | -.250 | .069 | -.045 | -.587 | 10 | 407 | -.158 | .091 | .014 | -.748 |
| 10 | 307 | -.300 | .088 | -.021 | -.749 | 10 | 358 | -.290 | .097 | -.063 | -.753 | 10 | 408 | -.152 | .089 | .020 | -.696 |
| 10 | 308 | -.278 | .077 | -.021 | -.621 | 10 | 359 | -.307 | .091 | -.115 | -.665 | 10 | 501 | -.335 | .060 | -.152 | -.773 |
| 10 | 309 | -.218 | .060 | -.029 | -.479 | 10 | 360 | -.316 | .090 | -.125 | -.752 | 10 | 502 | -.329 | .061 | -.155 | -.698 |
| 10 | 310 | -.225 | .058 | -.010 | -.513 | 10 | 361 | -.366 | .127 | -.042 | -1.244 | 10 | 503 | -.352 | .076 | -.134 | -.926 |
| 10 | 311 | -.213 | .057 | .026 | -.432 | 10 | 362 | -.369 | .136 | -.046 | -1.488 | 10 | 504 | -.370 | .105 | -.013 | -.939 |
| 10 | 312 | -.207 | .054 | .021 | -.410 | 10 | 363 | -.332 | .109 | -.047 | -1.063 | 10 | 505 | -.368 | .119 | .027 | -1.136 |
| 10 | 313 | -.286 | .077 | -.077 | -.742 | 10 | 364 | -.332 | .100 | -.118 | -.862 | 10 | 506 | -.375 | .130 | .088 | -.976 |
| 10 | 314 | -.258 | .063 | -.061 | -.627 | 10 | 365 | -.322 | .089 | -.094 | -.647 | 10 | 507 | -.293 | .059 | -.108 | -.683 |
| 10 | 315 | -.225 | .052 | -.074 | -.552 | 10 | 366 | -.326 | .096 | -.098 | -.732 | 10 | 508 | -.324 | .067 | -.115 | -.848 |
| 10 | 316 | -.221 | .057 | -.078 | -.530 | 10 | 367 | -.328 | .099 | -.103 | -.774 | 10 | 509 | -.339 | .078 | -.039 | -.682 |
| 10 | 317 | -.225 | .053 | -.027 | -.505 | 10 | 368 | -.339 | .103 | -.061 | -.821 | 10 | 510 | -.357 | .103 | .044 | -.883 |
| 10 | 318 | -.229 | .056 | -.029 | -.550 | 10 | 369 | -.344 | .107 | -.099 | -1.045 | 10 | 511 | -.356 | .111 | .013 | -.958 |
| 10 | 319 | -.316 | .079 | -.063 | -.615 | 10 | 370 | -.327 | .095 | -.112 | -.720 | 10 | 512 | -.385 | .144 | .067 | -1.112 |
| 10 | 320 | -.281 | .062 | -.085 | -.538 | 10 | 371 | -.342 | .110 | -.099 | -1.087 | 10 | 513 | -.293 | .071 | -.083 | -.951 |
| 10 | 321 | -.242 | .047 | -.101 | -.399 | 10 | 372 | -.300 | .091 | -.103 | -.831 | 10 | 514 | -.290 | .058 | -.112 | -.611 |
| 10 | 322 | -.235 | .048 | -.071 | -.396 | 10 | 373 | -.324 | .095 | -.113 | -.705 | 10 | 515 | -.305 | .069 | -.089 | -.817 |
| 10 | 323 | -.234 | .054 | -.082 | -.447 | 10 | 374 | -.162 | .074 | .044 | -.476 | 10 | 516 | -.335 | .082 | -.065 | -.866 |
| 10 | 324 | -.237 | .058 | -.066 | -.516 | 10 | 375 | -.164 | .075 | .044 | -.442 | 10 | 517 | -.397 | .123 | -.081 | -.958 |
| 10 | 325 | -.312 | .090 | -.062 | -.757 | 10 | 376 | -.210 | .067 | .010 | -.487 | 10 | 518 | -.418 | .138 | -.074 | -1.220 |
| 10 | 326 | -.267 | .068 | -.064 | -.613 | 10 | 377 | -.292 | .101 | .004 | -.845 | 10 | 519 | -.316 | .076 | -.117 | -.772 |
| 10 | 327 | -.322 | .093 | -.039 | -.738 | 10 | 378 | -.345 | .128 | -.084 | -1.151 | 10 | 520 | -.330 | .074 | -.118 | -.805 |
| 10 | 328 | -.286 | .087 | -.015 | -.666 | 10 | 379 | -.325 | .127 | -.050 | -.974 | 10 | 521 | -.329 | .078 | -.103 | -.916 |
| 10 | 329 | -.359 | .104 | -.038 | -.797 | 10 | 380 | -.167 | .076 | .060 | -.494 | 10 | 522 | -.360 | .093 | -.033 | -.888 |
| 10 | 330 | -.337 | .093 | -.050 | -.684 | 10 | 381 | -.173 | .075 | .041 | -.473 | 10 | 523 | -.416 | .131 | -.034 | -1.120 |
| 10 | 331 | -.292 | .070 | -.089 | -.610 | 10 | 382 | -.157 | .070 | .077 | -.451 | 10 | 524 | -.429 | .151 | -.009 | -1.297 |
| 10 | 332 | -.267 | .066 | -.075 | -.576 | 10 | 383 | -.164 | .070 | .018 | -.541 | 10 | 525 | -.433 | .130 | -.072 | -1.079 |
| 10 | 333 | -.268 | .070 | -.048 | -.663 | 10 | 384 | -.167 | .065 | .006 | -.603 | 10 | 526 | -.457 | .150 | -.045 | -1.383 |
| 10 | 334 | -.263 | .071 | -.041 | -.698 | 10 | 385 | -.196 | .077 | .034 | -.677 | 10 | 527 | -.429 | .131 | -.083 | -1.171 |
| 10 | 336 | -.279 | .073 | -.080 | -.552 | 10 | 386 | -.301 | .108 | -.024 | -.829 | 10 | 528 | -.447 | .151 | -.082 | -1.427 |
| 10 | 337 | -.268 | .071 | -.082 | -.557 | 10 | 387 | -.322 | .110 | -.061 | -.953 | 10 | 529 | -.387 | .088 | -.132 | -.875 |
| 10 | 338 | -.292 | .085 | -.081 | -.623 | 10 | 388 | -.156 | .075 | .018 | -.632 | 10 | 530 | -.394 | .093 | -.106 | -.930 |
| 10 | 339 | -.303 | .081 | -.077 | -.793 | 10 | 389 | -.167 | .079 | -.004 | -.646 | 10 | 531 | -.391 | .094 | -.129 | -1.060 |
| 10 | 340 | -.330 | .086 | -.112 | -.676 | 10 | 390 | -.178 | .082 | -.031 | -.691 | 10 | 532 | -.352 | .102 | -.075 | -1.144 |
| 10 | 341 | -.322 | .086 | -.110 | -.622 | 10 | 391 | -.175 | .065 | .016 | -.464 | 10 | 533 | -.369 | .102 | -.091 | -1.048 |
| 10 | 342 | -.316 | .087 | -.067 | -.644 | 10 | 392 | -.256 | .095 | .003 | -.874 | 10 | 534 | -.379 | .121 | -.051 | -1.019 |
| 10 | 343 | -.317 | .091 | -.113 | -.906 | 10 | 393 | -.281 | .109 | .108 | -1.011 | 10 | 535 | -.402 | .137 | -.047 | -1.105 |
| 10 | 344 | -.319 | .092 | -.117 | -.932 | 10 | 394 | -.167 | .082 | .004 | -.545 | 10 | 536 | -.400 | .085 | -.106 | -.908 |
| 10 | 345 | -.310 | .091 | -.108 | -.829 | 10 | 395 | -.167 | .082 | -.007 | -.690 | 10 | 537 | -.423 | .091 | -.131 | -.974 |
| 10 | 346 | -.302 | .092 | -.095 | -.862 | 10 | 396 | -.173 | .079 | .051 | -.584 | 10 | 538 | -.368 | .094 | .008 | -.823 |
| 10 | 347 | -.309 | .107 | .048 | -.751 | 10 | 397 | -.153 | .076 | .018 | -.582 | 10 | 539 | -.380 | .093 | -.110 | -.855 |
| 10 | 348 | -.321 | .103 | -.060 | -.793 | 10 | 398 | -.158 | .061 | .034 | -.644 | 10 | 540 | -.327 | .092 | -.053 | -.839 |
| 10 | 349 | -.289 | .071 | -.077 | -.611 | 10 | 399 | -.137 | .056 | .025 | -.492 | 10 | 541 | -.342 | .097 | -.071 | -.891 |
| 10 | 350 | -.292 | .068 | -.120 | -.653 | 10 | 400 | -.158 | .089 | .029 | -.653 | 10 | 542 | -.331 | .095 | -.062 | -.937 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|
| 10 | 543 | -.228 | .087 | .038 | -.654 |
| 10 | 544 | -.227 | .083 | -.004 | -.586 |
| 10 | 545 | -.139 | .061 | .058 | -.426 |
| 10 | 546 | -.134 | .059 | .088 | -.400 |
| 10 | 547 | -.092 | .069 | .142 | -.440 |
| 10 | 548 | -.110 | .086 | .259 | -.567 |
| 10 | 549 | -.587 | .215 | -.146 | -1.950 |
| 10 | 550 | -.494 | .133 | -.147 | -1.074 |
| 10 | 551 | -.462 | .129 | -.118 | -1.321 |
| 10 | 552 | -.435 | .138 | .013 | -1.271 |
| 10 | 553 | -.406 | .129 | .010 | -.974 |
| 10 | 554 | -.411 | .133 | .001 | -.980 |
| 10 | 555 | -.388 | .126 | .055 | -.855 |
| 10 | 556 | -.396 | .134 | .018 | -1.102 |
| 10 | 557 | -.496 | .119 | -.166 | -1.003 |
| 10 | 558 | -.479 | .112 | -.152 | -.932 |
| 10 | 559 | -.382 | .098 | -.120 | -.773 |
| 10 | 560 | -.358 | .111 | -.031 | -.852 |
| 10 | 561 | -.340 | .105 | -.041 | -.708 |
| 10 | 562 | -.358 | .107 | -.053 | -.801 |
| 10 | 563 | -.381 | .099 | -.086 | -.809 |
| 10 | 564 | -.348 | .088 | -.072 | -.864 |
| 10 | 565 | -.396 | .118 | -.113 | -.890 |
| 10 | 566 | -.326 | .094 | .029 | -.781 |
| 10 | 567 | -.300 | .091 | .044 | -.671 |
| 10 | 568 | -.275 | .080 | -.008 | -.596 |
| 10 | 569 | -.298 | .088 | .006 | -.649 |
| 10 | 570 | -.269 | .072 | -.075 | -.626 |
| 10 | 571 | -.110 | .103 | .249 | -.507 |
| 10 | 572 | -.119 | .060 | .047 | -.404 |
| 10 | 573 | -.088 | .059 | .150 | -.355 |
| 10 | 574 | -.078 | .047 | .105 | -.314 |
| 10 | 575 | -.084 | .042 | .083 | -.246 |
| 10 | 576 | -.079 | .063 | .127 | -.389 |
| 10 | 577 | -.651 | .189 | -.223 | -1.653 |
| 10 | 578 | -.528 | .131 | -.234 | -1.030 |
| 10 | 579 | -.340 | .094 | -.072 | -.729 |
| 10 | 580 | -.233 | .072 | -.042 | -.564 |
| 10 | 581 | -.188 | .079 | .018 | -.664 |
| 10 | 582 | -.182 | .078 | .046 | -.562 |
| 10 | 583 | -.177 | .073 | .020 | -.521 |
| 10 | 584 | -.180 | .079 | .025 | -.489 |
| 10 | 585 | -.385 | .108 | -.150 | -.803 |
| 10 | 586 | -.351 | .091 | -.144 | -.745 |
| 10 | 587 | -.196 | .061 | -.045 | -.579 |
| 10 | 588 | -.134 | .046 | -.013 | -.375 |
| 10 | 589 | -.136 | .052 | .004 | -.357 |
| 10 | 590 | -.143 | .058 | -.005 | -.426 |
| 10 | 591 | -.345 | .119 | -.072 | -.886 |
| 10 | 592 | -.286 | .093 | -.074 | -.659 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|
| 10 | 593 | -.101 | .034 | .013 | -.230 |
| 10 | 594 | -.083 | .030 | .010 | -.219 |
| 10 | 595 | -.103 | .044 | .013 | -.306 |
| 10 | 596 | -.123 | .050 | .023 | -.320 |
| 10 | 597 | -.193 | .089 | -.028 | -.742 |
| 10 | 598 | -.208 | .102 | -.051 | -.827 |
| 10 | 599 | -.167 | .085 | .004 | -.613 |
| 10 | 600 | -.188 | .103 | -.000 | -.923 |
| 10 | 701 | -.190 | .078 | .051 | -.550 |
| 10 | 702 | -.454 | .254 | .284 | -1.545 |
| 10 | 703 | -.704 | .181 | -.136 | -1.640 |
| 10 | 704 | -.807 | .251 | -.008 | -1.682 |
| 10 | 705 | -.468 | .245 | .283 | -1.376 |
| 10 | 706 | -.003 | .052 | .182 | -.276 |
| 10 | 707 | -.327 | .064 | -.128 | -.600 |
| 10 | 708 | -.295 | .069 | -.093 | -.659 |
| 10 | 709 | -.434 | .104 | -.173 | -1.179 |
| 10 | 710 | -.352 | .099 | -.045 | -.761 |
| 10 | 711 | -.115 | .064 | .089 | -.394 |
| 10 | 712 | -.458 | .146 | -.115 | -1.231 |
| 10 | 713 | -.327 | .085 | -.087 | -.680 |
| 10 | 714 | -.023 | .056 | .190 | -.244 |
| 10 | 715 | -.497 | .128 | -.153 | -1.020 |
| 10 | 716 | -.337 | .105 | -.084 | -.846 |
| 10 | 717 | -.358 | .131 | -.019 | -1.046 |
| 10 | 718 | -.396 | .140 | -.090 | -1.274 |
| 10 | 719 | -.411 | .142 | -.150 | -1.271 |
| 10 | 720 | -.389 | .138 | .012 | -1.155 |
| 10 | 721 | -.369 | .135 | -.070 | -1.260 |
| 10 | 722 | -.191 | .086 | .077 | -.630 |
| 10 | 723 | -.163 | .083 | .023 | -.599 |
| 10 | 724 | -.163 | .079 | -.001 | -.632 |
| 10 | 725 | -.214 | .055 | .009 | -.423 |
| 10 | 726 | -.231 | .063 | -.062 | -.781 |
| 10 | 727 | -.265 | .066 | -.075 | -.548 |
| 10 | 728 | -.324 | .090 | -.087 | -.757 |
| 10 | 729 | -.321 | .100 | -.079 | -.754 |
| 10 | 730 | -.307 | .078 | -.088 | -.648 |
| 10 | 731 | -.324 | .089 | -.114 | -.667 |
| 10 | 732 | -.311 | .091 | -.082 | -.798 |
| 10 | 733 | -.351 | .129 | -.086 | -1.106 |
| 10 | 734 | -.246 | .080 | .077 | -.798 |
| 10 | 735 | -.172 | .090 | .051 | -.850 |
| 10 | 736 | -.129 | .071 | .016 | -.587 |
| 10 | 901 | -.171 | .071 | -.018 | -.866 |
| 10 | 902 | -.182 | .075 | -.035 | -.820 |
| 10 | 903 | -.209 | .073 | -.027 | -.905 |
| 10 | 904 | -.141 | .043 | -.024 | -.343 |
| 10 | 905 | -.237 | .057 | -.066 | -.504 |
| 10 | 906 | -.086 | .050 | .141 | -.335 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|
| 10 | 907 | -.161 | .043 | -.024 | -.415 |
| 10 | 908 | -.070 | .035 | .107 | -.208 |
| 10 | 909 | -.003 | .083 | .494 | -.296 |
| 10 | 910 | -.036 | .067 | .270 | -.321 |
| 10 | 911 | -.384 | .149 | .051 | -1.153 |
| 10 | 912 | -.356 | .161 | .167 | -1.172 |
| 10 | 913 | -.259 | .091 | .097 | -.608 |
| 10 | 914 | -.232 | .095 | .070 | -.781 |
| 10 | 915 | -.201 | .096 | .103 | -.777 |
| 10 | 916 | -.185 | .104 | .132 | -.690 |
| 10 | 917 | -.362 | .115 | -.088 | -.911 |
| 10 | 918 | -.315 | .085 | -.068 | -.654 |
| 10 | 919 | -.308 | .086 | -.063 | -.639 |
| 10 | 920 | -.330 | .103 | -.029 | -.973 |
| 10 | 921 | -.347 | .111 | .008 | -1.082 |
| 10 | 922 | -.372 | .103 | .077 | -1.005 |
| 10 | 923 | -.353 | .096 | .008 | -.882 |
| 10 | 924 | -.343 | .100 | .015 | -.814 |
| 10 | 925 | -.349 | .107 | -.067 | -1.181 |
| 10 | 926 | -.303 | .072 | -.135 | -.673 |
| 10 | 927 | -.268 | .065 | -.099 | -.575 |
| 10 | 928 | -.253 | .062 | -.064 | -.513 |
| 10 | 929 | -.381 | .070 | -.161 | -.722 |
| 10 | 930 | -.413 | .079 | -.178 | -.761 |
| 10 | 931 | -.389 | .091 | -.075 | -.737 |
| 10 | 932 | -.381 | .070 | -.171 | -.711 |
| 10 | 933 | -.402 | .093 | -.041 | -.838 |
| 10 | 934 | -.485 | .105 | -.185 | -.912 |
| 10 | 935 | -.454 | .091 | -.151 | -.875 |
| 10 | 936 | -.329 | .081 | -.041 | -.646 |
| 10 | 937 | -.465 | .101 | -.204 | -1.072 |
| 10 | 938 | -.479 | .100 | -.039 | -.976 |
| 10 | 939 | -.260 | .084 | .022 | -.518 |
| 10 | 940 | -.457 | .102 | -.197 | -1.071 |
| 10 | 941 | -.419 | .094 | -.102 | -.781 |
| 10 | 942 | -.220 | .088 | .032 | -.564 |
| 20 | 101 | .394 | .125 | .794 | .039 |
| 20 | 102 | .410 | .121 | .739 | .011 |
| 20 | 103 | .306 | .100 | .595 | -.025 |
| 20 | 104 | .241 | .087 | .498 | -.062 |
| 20 | 105 | .109 | .072 | .338 | -.128 |
| 20 | 106 | -.033 | .063 | .173 | -.288 |
| 20 | 107 | .453 | .125 | .883 | .059 |
| 20 | 108 | .503 | .123 | .915 | .125 |
| 20 | 109 | .431 | .122 | .838 | .065 |
| 20 | 110 | .356 | .102 | .670 | .032 |
| 20 | 111 | .186 | .072 | .500 | -.075 |
| 20 | 112 | -.043 | .051 | .182 | -.233 |
| 20 | 113 | .337 | .144 | .842 | -.105 |
| 20 | 114 | .476 | .134 | .934 | .105 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 115 | .564 | .130 | .957 | .134 | 20 | 165 | -.337 | .082 | -.112 | -.761 | 20 | 237 | -.087 | .168 | .406 | -.763 |
| 20 | 116 | .442 | .110 | .785 | .065 | 20 | 166 | -.301 | .115 | .072 | -.699 | 20 | 238 | -.159 | .167 | .357 | -1.074 |
| 20 | 117 | .170 | .073 | .458 | -.083 | 20 | 167 | -.306 | .093 | -.056 | -.692 | 20 | 239 | -.247 | .057 | -.094 | -.525 |
| 20 | 118 | .009 | .052 | .214 | -.180 | 20 | 168 | -.284 | .114 | .200 | -.840 | 20 | 240 | -.202 | .046 | -.066 | -.376 |
| 20 | 119 | .335 | .145 | .789 | -.037 | 20 | 169 | -.183 | .159 | .395 | -.614 | 20 | 241 | -.253 | .061 | -.081 | -.554 |
| 20 | 120 | .438 | .143 | .855 | .009 | 20 | 170 | -.271 | .107 | .212 | -.715 | 20 | 242 | -.148 | .044 | .003 | -.382 |
| 20 | 121 | .499 | .135 | .896 | .136 | 20 | 171 | -.201 | .186 | .587 | -.758 | 20 | 243 | -.017 | .044 | .161 | -.154 |
| 20 | 122 | .377 | .112 | .724 | .074 | 20 | 172 | -.176 | .192 | .415 | -.769 | 20 | 244 | .088 | .057 | .362 | -.036 |
| 20 | 123 | .112 | .071 | .368 | -.107 | 20 | 173 | -.247 | .096 | .067 | -.607 | 20 | 245 | .074 | .063 | .334 | -.156 |
| 20 | 124 | -.083 | .052 | .103 | -.255 | 20 | 174 | -.212 | .126 | .269 | -.756 | 20 | 246 | .075 | .087 | .481 | -.244 |
| 20 | 125 | .269 | .146 | .763 | -.132 | 20 | 175 | -.214 | .087 | .060 | -.646 | 20 | 247 | .156 | .073 | .620 | -.051 |
| 20 | 126 | .362 | .138 | .769 | .021 | 20 | 176 | -.199 | .097 | .206 | -.684 | 20 | 248 | .120 | .065 | .435 | -.076 |
| 20 | 127 | .345 | .126 | .771 | .045 | 20 | 177 | -.001 | .156 | .575 | -.447 | 20 | 249 | .109 | .065 | .619 | -.115 |
| 20 | 128 | .283 | .108 | .650 | -.020 | 20 | 178 | .131 | .159 | .624 | -.468 | 20 | 250 | -.304 | .082 | -.120 | -.748 |
| 20 | 129 | .033 | .075 | .324 | -.207 | 20 | 201 | -.186 | .037 | -.049 | -.305 | 20 | 251 | -.314 | .082 | -.143 | -.848 |
| 20 | 130 | -.150 | .062 | .084 | -.373 | 20 | 202 | -.180 | .037 | -.039 | -.301 | 20 | 252 | -.326 | .083 | -.152 | -.826 |
| 20 | 131 | -.052 | .077 | .243 | -.266 | 20 | 203 | -.106 | .036 | .033 | -.246 | 20 | 253 | -.346 | .085 | -.144 | -.655 |
| 20 | 132 | -.194 | .075 | .074 | -.425 | 20 | 204 | -.135 | .045 | .010 | -.376 | 20 | 254 | -.301 | .073 | -.113 | -.582 |
| 20 | 133 | .157 | .117 | .646 | -.274 | 20 | 205 | -.465 | .139 | .093 | -.978 | 20 | 255 | -.347 | .081 | -.157 | -.720 |
| 20 | 134 | .184 | .103 | .650 | -.122 | 20 | 206 | -.570 | .146 | -.037 | -1.195 | 20 | 256 | -.363 | .087 | -.131 | -.755 |
| 20 | 135 | .139 | .075 | .431 | -.045 | 20 | 207 | -.165 | .039 | -.017 | -.308 | 20 | 257 | -.353 | .080 | -.160 | -.677 |
| 20 | 136 | .074 | .060 | .336 | -.075 | 20 | 208 | -.137 | .033 | -.017 | -.252 | 20 | 258 | -.354 | .086 | -.156 | -.753 |
| 20 | 137 | -.123 | .060 | .163 | -.308 | 20 | 209 | -.075 | .037 | .082 | -.300 | 20 | 259 | -.332 | .086 | -.097 | -.644 |
| 20 | 138 | -.214 | .064 | .048 | -.480 | 20 | 210 | -.048 | .052 | .101 | -.346 | 20 | 260 | -.345 | .088 | -.138 | -.862 |
| 20 | 139 | -.159 | .036 | -.037 | -.327 | 20 | 211 | -.439 | .158 | .144 | -.987 | 20 | 261 | -.354 | .092 | -.149 | -.919 |
| 20 | 140 | -.253 | .053 | -.096 | -.442 | 20 | 212 | -.540 | .168 | -.007 | -1.192 | 20 | 262 | -.385 | .104 | -.014 | -1.123 |
| 20 | 141 | .118 | .074 | .431 | -.086 | 20 | 213 | -.200 | .034 | -.065 | -.302 | 20 | 263 | -.378 | .101 | -.053 | -1.045 |
| 20 | 142 | .114 | .068 | .445 | -.079 | 20 | 214 | -.129 | .029 | -.040 | -.244 | 20 | 264 | -.370 | .096 | -.116 | -.925 |
| 20 | 143 | .073 | .046 | .332 | -.059 | 20 | 215 | -.049 | .038 | .074 | -.390 | 20 | 265 | -.374 | .098 | .007 | -.946 |
| 20 | 144 | -.002 | .043 | .189 | -.144 | 20 | 216 | -.067 | .140 | .192 | -.852 | 20 | 266 | -.355 | .092 | -.155 | -.799 |
| 20 | 145 | -.107 | .047 | .073 | -.256 | 20 | 217 | -.422 | .134 | .106 | -.974 | 20 | 267 | -.290 | .095 | .212 | -.826 |
| 20 | 146 | -.166 | .063 | .018 | -.379 | 20 | 218 | -.377 | .126 | .143 | -.914 | 20 | 268 | -.326 | .087 | -.097 | -.693 |
| 20 | 147 | .120 | .062 | .346 | -.110 | 20 | 219 | -.208 | .038 | -.077 | -.383 | 20 | 269 | -.183 | .087 | .002 | -.595 |
| 20 | 148 | .139 | .065 | .378 | -.100 | 20 | 220 | -.168 | .035 | -.055 | -.291 | 20 | 270 | -.136 | .062 | .017 | -.398 |
| 20 | 149 | .170 | .086 | .487 | -.006 | 20 | 221 | -.060 | .039 | .070 | -.355 | 20 | 271 | -.092 | .036 | .066 | -.274 |
| 20 | 150 | .120 | .103 | .528 | -.104 | 20 | 222 | -.026 | .112 | .212 | -.705 | 20 | 272 | -.077 | .050 | .097 | -.269 |
| 20 | 151 | -.017 | .094 | .319 | -.266 | 20 | 223 | -.369 | .206 | .310 | -1.040 | 20 | 273 | -.069 | .064 | .170 | -.390 |
| 20 | 152 | -.105 | .095 | .237 | -.392 | 20 | 224 | -.575 | .253 | .255 | -1.476 | 20 | 274 | -.153 | .076 | .101 | -.555 |
| 20 | 153 | .137 | .085 | .579 | -.058 | 20 | 225 | -.245 | .056 | -.065 | -.494 | 20 | 275 | -.191 | .094 | .004 | -.560 |
| 20 | 154 | .174 | .088 | .626 | -.024 | 20 | 226 | -.158 | .039 | -.025 | -.318 | 20 | 276 | -.158 | .066 | .019 | -.434 |
| 20 | 155 | .079 | .064 | .410 | -.074 | 20 | 227 | -.062 | .039 | .175 | -.234 | 20 | 277 | -.078 | .035 | .070 | -.181 |
| 20 | 156 | .135 | .081 | .611 | -.047 | 20 | 228 | -.036 | .095 | .201 | -.539 | 20 | 278 | -.035 | .038 | .123 | -.138 |
| 20 | 157 | -.568 | .115 | -.092 | -.995 | 20 | 229 | -.293 | .195 | .331 | -.876 | 20 | 279 | -.053 | .055 | .157 | -.255 |
| 20 | 158 | -.515 | .122 | .114 | -.998 | 20 | 230 | -.318 | .163 | .281 | -.912 | 20 | 280 | -.123 | .070 | .174 | -.460 |
| 20 | 159 | -.505 | .133 | .078 | -.985 | 20 | 231 | -.256 | .061 | -.058 | -.496 | 20 | 301 | -.281 | .074 | -.060 | -.737 |
| 20 | 160 | -.455 | .088 | -.175 | -.759 | 20 | 232 | -.209 | .054 | -.040 | -.456 | 20 | 302 | -.277 | .072 | -.056 | -.881 |
| 20 | 161 | -.443 | .135 | .170 | -.860 | 20 | 233 | -.308 | .078 | -.086 | -.633 | 20 | 303 | -.226 | .068 | -.038 | -1.064 |
| 20 | 162 | -.411 | .081 | -.146 | -.817 | 20 | 234 | -.200 | .052 | -.068 | -.437 | 20 | 304 | -.231 | .048 | -.073 | -.533 |
| 20 | 163 | -.402 | .085 | -.096 | -.803 | 20 | 235 | -.066 | .039 | .084 | -.258 | 20 | 305 | -.231 | .048 | -.083 | -.437 |
| 20 | 164 | -.350 | .125 | .171 | -.828 | 20 | 236 | -.012 | .060 | .245 | -.507 | 20 | 306 | -.224 | .047 | -.072 | -.408 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 307 | -.294 | .075 | -.082 | -.843 | 20 | 358 | -.329 | .090 | -.092 | -.862 | 20 | 408 | -.266 | .148 | -.001 | -.984 |
| 20 | 308 | -.278 | .068 | -.054 | -.690 | 20 | 359 | -.341 | .084 | -.161 | -.809 | 20 | 501 | -.324 | .056 | -.082 | -.542 |
| 20 | 309 | -.229 | .053 | -.051 | -.580 | 20 | 360 | -.347 | .084 | -.164 | -.891 | 20 | 502 | -.308 | .055 | -.125 | -.533 |
| 20 | 310 | -.235 | .048 | -.081 | -.468 | 20 | 361 | -.383 | .102 | -.148 | -.944 | 20 | 503 | -.329 | .063 | -.126 | -.606 |
| 20 | 311 | -.226 | .047 | -.077 | -.394 | 20 | 362 | -.379 | .100 | -.161 | -.855 | 20 | 504 | -.343 | .075 | .025 | -.683 |
| 20 | 312 | -.212 | .046 | -.062 | -.393 | 20 | 363 | -.372 | .089 | -.159 | -.777 | 20 | 505 | -.367 | .100 | -.016 | -.822 |
| 20 | 313 | -.283 | .055 | -.102 | -.468 | 20 | 364 | -.359 | .083 | -.164 | -.719 | 20 | 506 | -.351 | .101 | .049 | -1.071 |
| 20 | 314 | -.268 | .050 | -.086 | -.468 | 20 | 365 | -.368 | .082 | -.111 | -.829 | 20 | 507 | -.278 | .054 | -.046 | -.489 |
| 20 | 315 | -.248 | .043 | -.111 | -.444 | 20 | 366 | -.363 | .092 | -.148 | -.727 | 20 | 508 | -.291 | .051 | -.124 | -.508 |
| 20 | 316 | -.239 | .039 | -.095 | -.431 | 20 | 367 | -.363 | .095 | -.128 | -.745 | 20 | 509 | -.299 | .058 | -.128 | -.607 |
| 20 | 317 | -.236 | .042 | -.097 | -.378 | 20 | 368 | -.376 | .098 | -.159 | -.768 | 20 | 510 | -.319 | .068 | -.080 | -.797 |
| 20 | 318 | -.239 | .043 | -.108 | -.402 | 20 | 369 | -.374 | .099 | -.128 | -.771 | 20 | 511 | -.335 | .095 | -.041 | -.933 |
| 20 | 319 | -.313 | .070 | -.095 | -.731 | 20 | 370 | -.357 | .088 | -.148 | -.710 | 20 | 512 | -.365 | .104 | -.043 | -.923 |
| 20 | 320 | -.299 | .063 | -.088 | -.624 | 20 | 371 | -.364 | .097 | -.137 | -1.020 | 20 | 513 | -.269 | .049 | -.112 | -.532 |
| 20 | 321 | -.275 | .053 | -.070 | -.495 | 20 | 372 | -.345 | .086 | -.044 | -.730 | 20 | 514 | -.272 | .043 | -.131 | -.445 |
| 20 | 322 | -.267 | .049 | -.122 | -.436 | 20 | 373 | -.358 | .091 | -.136 | -.839 | 20 | 515 | -.285 | .045 | -.137 | -.493 |
| 20 | 323 | -.265 | .049 | -.097 | -.407 | 20 | 374 | -.294 | .100 | .004 | -.738 | 20 | 516 | -.312 | .049 | -.159 | -.534 |
| 20 | 324 | -.266 | .049 | -.095 | -.412 | 20 | 375 | -.296 | .098 | .015 | -.743 | 20 | 517 | -.357 | .075 | -.171 | -.679 |
| 20 | 325 | -.317 | .075 | -.121 | -.859 | 20 | 376 | -.311 | .081 | -.049 | -.634 | 20 | 518 | -.374 | .086 | -.135 | -.758 |
| 20 | 326 | -.292 | .064 | -.095 | -.617 | 20 | 377 | -.347 | .096 | -.086 | -.931 | 20 | 519 | -.299 | .056 | -.126 | -.506 |
| 20 | 327 | -.327 | .069 | -.053 | -.678 | 20 | 378 | -.367 | .117 | -.089 | -1.036 | 20 | 520 | -.309 | .053 | -.145 | -.544 |
| 20 | 328 | -.306 | .066 | -.039 | -.632 | 20 | 379 | -.359 | .107 | -.107 | -.967 | 20 | 521 | -.306 | .055 | -.144 | -.506 |
| 20 | 329 | -.340 | .070 | -.058 | -.628 | 20 | 380 | -.283 | .104 | .001 | -.733 | 20 | 522 | -.335 | .064 | -.094 | -.666 |
| 20 | 330 | -.324 | .063 | -.057 | -.543 | 20 | 381 | -.285 | .102 | -.006 | -.758 | 20 | 523 | -.373 | .092 | -.104 | -.991 |
| 20 | 331 | -.298 | .055 | -.141 | -.497 | 20 | 382 | -.264 | .099 | .001 | -.761 | 20 | 524 | -.380 | .101 | -.104 | -1.025 |
| 20 | 332 | -.284 | .051 | -.115 | -.463 | 20 | 383 | -.252 | .103 | -.012 | -1.251 | 20 | 525 | -.384 | .090 | -.192 | -1.064 |
| 20 | 333 | -.292 | .059 | -.138 | -.488 | 20 | 384 | -.245 | .092 | -.042 | -.717 | 20 | 526 | -.398 | .103 | -.103 | -1.275 |
| 20 | 334 | -.287 | .059 | -.134 | -.481 | 20 | 385 | -.266 | .094 | -.037 | -.751 | 20 | 527 | -.387 | .095 | -.148 | -1.063 |
| 20 | 336 | -.317 | .070 | -.120 | -.614 | 20 | 386 | -.351 | .117 | -.048 | -.865 | 20 | 528 | -.388 | .104 | -.116 | -1.213 |
| 20 | 337 | -.299 | .063 | -.130 | -.558 | 20 | 387 | -.364 | .104 | -.094 | -.818 | 20 | 529 | -.386 | .073 | -.185 | -.684 |
| 20 | 338 | -.324 | .075 | -.143 | -.602 | 20 | 388 | -.238 | .087 | -.028 | -.681 | 20 | 530 | -.394 | .075 | -.178 | -.727 |
| 20 | 339 | -.322 | .073 | -.143 | -.712 | 20 | 389 | -.248 | .092 | -.025 | -.768 | 20 | 531 | -.360 | .071 | -.142 | -.770 |
| 20 | 340 | -.358 | .081 | -.139 | -.688 | 20 | 390 | -.265 | .096 | -.058 | -.761 | 20 | 532 | -.325 | .071 | -.133 | -.787 |
| 20 | 341 | -.350 | .080 | -.123 | -.678 | 20 | 391 | -.263 | .090 | -.019 | -.734 | 20 | 533 | -.341 | .076 | -.142 | -.958 |
| 20 | 342 | -.342 | .081 | -.131 | -.674 | 20 | 392 | -.325 | .097 | -.085 | -.822 | 20 | 534 | -.360 | .090 | -.048 | -.976 |
| 20 | 343 | -.357 | .091 | -.158 | -.850 | 20 | 393 | -.340 | .105 | -.097 | -.983 | 20 | 535 | -.378 | .090 | -.185 | -.907 |
| 20 | 344 | -.360 | .092 | -.127 | -.844 | 20 | 394 | -.236 | .099 | .044 | -.643 | 20 | 536 | -.446 | .075 | -.208 | -.758 |
| 20 | 345 | -.351 | .091 | -.152 | -.881 | 20 | 395 | -.247 | .121 | .047 | -.923 | 20 | 537 | -.481 | .083 | -.218 | -.824 |
| 20 | 346 | -.344 | .092 | -.129 | -.888 | 20 | 396 | -.256 | .120 | .049 | -.834 | 20 | 538 | -.476 | .082 | -.221 | -.791 |
| 20 | 347 | -.331 | .082 | -.077 | -.767 | 20 | 397 | -.231 | .093 | .063 | -.730 | 20 | 539 | -.453 | .087 | -.202 | -.805 |
| 20 | 348 | -.317 | .074 | -.087 | -.736 | 20 | 398 | -.235 | .090 | -.036 | -.747 | 20 | 540 | -.405 | .084 | -.142 | -.770 |
| 20 | 349 | -.319 | .059 | -.113 | -.583 | 20 | 399 | -.268 | .100 | .030 | -.677 | 20 | 541 | -.410 | .085 | -.160 | -.831 |
| 20 | 350 | -.305 | .064 | -.138 | -.564 | 20 | 400 | -.330 | .136 | -.028 | -.845 | 20 | 542 | -.401 | .084 | -.140 | -.762 |
| 20 | 351 | -.316 | .071 | -.134 | -.632 | 20 | 401 | -.305 | .173 | .023 | -1.194 | 20 | 543 | -.344 | .086 | -.095 | -.668 |
| 20 | 352 | -.315 | .071 | -.135 | -.625 | 20 | 402 | -.327 | .165 | -.017 | -1.137 | 20 | 544 | -.349 | .087 | -.074 | -.702 |
| 20 | 353 | -.341 | .078 | -.042 | -.661 | 20 | 403 | -.203 | .094 | .058 | -.895 | 20 | 545 | -.280 | .092 | -.036 | -.639 |
| 20 | 354 | -.323 | .071 | -.030 | -.621 | 20 | 404 | -.189 | .092 | .125 | -.686 | 20 | 546 | -.276 | .095 | -.042 | -.662 |
| 20 | 355 | -.344 | .084 | -.071 | -.732 | 20 | 405 | -.208 | .098 | .051 | -1.000 | 20 | 547 | -.246 | .096 | .122 | -.646 |
| 20 | 356 | -.329 | .081 | -.013 | -.787 | 20 | 406 | -.253 | .114 | -.029 | -.820 | 20 | 548 | -.278 | .112 | .105 | -.821 |
| 20 | 357 | -.306 | .073 | -.096 | -.738 | 20 | 407 | -.270 | .152 | .002 | -1.026 | 20 | 549 | -.431 | .116 | -.131 | -1.119 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| UD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|
| 20 | 550 | -.419 | .112 | -.131 | -1.139 |
| 20 | 551 | -.410 | .112 | -.107 | -1.129 |
| 20 | 552 | -.401 | .108 | -.081 | -1.006 |
| 20 | 553 | -.395 | .102 | -.128 | -.896 |
| 20 | 554 | -.412 | .112 | -.119 | -.996 |
| 20 | 555 | -.405 | .111 | -.049 | -.933 |
| 20 | 556 | -.421 | .122 | -.057 | -1.127 |
| 20 | 557 | -.450 | .110 | -.143 | -.928 |
| 20 | 558 | -.423 | .101 | -.142 | -.824 |
| 20 | 559 | -.383 | .099 | -.103 | -1.172 |
| 20 | 560 | -.396 | .117 | -.074 | -1.445 |
| 20 | 561 | -.402 | .110 | -.065 | -.865 |
| 20 | 562 | -.404 | .118 | -.111 | -.929 |
| 20 | 563 | -.367 | .092 | -.146 | -.907 |
| 20 | 564 | -.359 | .093 | -.111 | -.833 |
| 20 | 565 | -.375 | .105 | -.121 | -.982 |
| 20 | 566 | -.349 | .103 | .017 | -.945 |
| 20 | 567 | -.356 | .096 | -.080 | -.738 |
| 20 | 568 | -.349 | .090 | -.074 | -.716 |
| 20 | 569 | -.360 | .098 | -.091 | -.850 |
| 20 | 570 | -.329 | .084 | -.109 | -.782 |
| 20 | 571 | -.258 | .119 | .172 | -.657 |
| 20 | 572 | -.258 | .097 | -.001 | -.646 |
| 20 | 573 | -.231 | .104 | .057 | -.620 |
| 20 | 574 | -.223 | .105 | .041 | -.669 |
| 20 | 575 | -.200 | .083 | .041 | -.533 |
| 20 | 576 | -.232 | .120 | .040 | -.742 |
| 20 | 577 | -.665 | .200 | -.225 | -1.590 |
| 20 | 578 | -.526 | .108 | -.187 | -.993 |
| 20 | 579 | -.439 | .102 | -.157 | -1.175 |
| 20 | 580 | -.354 | .102 | -.074 | -.986 |
| 20 | 581 | -.322 | .103 | -.023 | -.782 |
| 20 | 582 | -.317 | .101 | -.034 | -.770 |
| 20 | 583 | -.304 | .102 | -.030 | -.867 |
| 20 | 584 | -.315 | .101 | -.016 | -.786 |
| 20 | 585 | -.428 | .113 | -.178 | -.950 |
| 20 | 586 | -.403 | .100 | -.174 | -.860 |
| 20 | 587 | -.295 | .079 | -.123 | -.657 |
| 20 | 588 | -.253 | .085 | -.059 | -.668 |
| 20 | 589 | -.243 | .088 | -.013 | -.664 |
| 20 | 590 | -.247 | .089 | -.015 | -.647 |
| 20 | 591 | -.498 | .190 | -.123 | -1.253 |
| 20 | 592 | -.410 | .144 | -.088 | -.911 |
| 20 | 593 | -.191 | .060 | -.018 | -.550 |
| 20 | 594 | -.158 | .055 | -.005 | -.409 |
| 20 | 595 | -.164 | .061 | .005 | -.405 |
| 20 | 596 | -.184 | .068 | .055 | -.527 |
| 20 | 597 | -.271 | .110 | -.023 | -.879 |
| 20 | 598 | -.294 | .126 | -.081 | -.997 |
| 20 | 599 | -.237 | .111 | .097 | -.801 |
| 20 | 600 | -.270 | .125 | .045 | -.902 |
| 20 | 701 | -.102 | .082 | .233 | -.499 |
| 20 | 702 | .113 | .184 | .632 | -.709 |
| 20 | 703 | -.297 | .220 | .416 | -1.043 |
| 20 | 704 | -.218 | .258 | .477 | -1.279 |
| 20 | 705 | -.043 | .197 | .516 | -.810 |
| 20 | 706 | .081 | .069 | .425 | -.214 |
| 20 | 707 | -.301 | .055 | -.129 | -.530 |
| 20 | 708 | -.275 | .055 | -.047 | -.540 |
| 20 | 709 | -.431 | .082 | -.202 | -.798 |
| 20 | 710 | -.408 | .079 | -.159 | -.780 |
| 20 | 711 | -.277 | .102 | .014 | -.684 |
| 20 | 712 | -.398 | .097 | -.120 | -.971 |
| 20 | 713 | -.378 | .087 | -.132 | -.774 |
| 20 | 714 | -.154 | .107 | .156 | -.554 |
| 20 | 715 | -.511 | .113 | -.201 | -1.039 |
| 20 | 716 | -.407 | .125 | -.084 | -.991 |
| 20 | 717 | -.341 | .110 | -.065 | -1.119 |
| 20 | 718 | -.356 | .093 | -.109 | -.951 |
| 20 | 719 | -.360 | .100 | -.137 | -1.124 |
| 20 | 720 | -.400 | .128 | -.084 | -1.164 |
| 20 | 721 | -.404 | .121 | -.123 | -1.186 |
| 20 | 722 | -.321 | .104 | -.032 | -.773 |
| 20 | 723 | -.260 | .099 | -.003 | -.717 |
| 20 | 724 | -.231 | .103 | .068 | -.881 |
| 20 | 725 | -.225 | .047 | -.073 | -.414 |
| 20 | 726 | -.236 | .042 | -.122 | -.381 |
| 20 | 727 | -.284 | .055 | -.128 | -.475 |
| 20 | 728 | -.348 | .092 | -.140 | -.787 |
| 20 | 729 | -.328 | .084 | -.107 | -.652 |
| 20 | 730 | -.332 | .079 | -.159 | -.837 |
| 20 | 731 | -.365 | .092 | -.160 | -.783 |
| 20 | 732 | -.364 | .094 | -.130 | -.838 |
| 20 | 733 | -.375 | .111 | -.162 | -1.084 |
| 20 | 734 | -.342 | .090 | -.087 | -.754 |
| 20 | 735 | -.281 | .129 | -.003 | -1.075 |
| 20 | 736 | -.252 | .154 | -.010 | -1.005 |
| 20 | 901 | -.279 | .099 | -.069 | -.903 |
| 20 | 902 | -.289 | .100 | -.079 | -.946 |
| 20 | 903 | -.301 | .079 | -.084 | -.713 |
| 20 | 904 | -.200 | .051 | -.027 | -.388 |
| 20 | 905 | -.281 | .059 | -.111 | -.524 |
| 20 | 906 | -.127 | .066 | .190 | -.375 |
| 20 | 907 | -.195 | .057 | -.010 | -.596 |
| 20 | 908 | -.062 | .041 | .103 | -.247 |
| 20 | 909 | -.037 | .106 | .401 | -.368 |
| 20 | 910 | -.065 | .096 | .298 | -.475 |
| 20 | 911 | -.336 | .127 | .146 | -1.055 |
| 20 | 912 | -.293 | .137 | .283 | -1.061 |
| 20 | 913 | -.338 | .095 | -.060 | -.861 |
| 20 | 914 | -.357 | .104 | -.009 | -.920 |
| 20 | 915 | -.339 | .104 | .003 | -.937 |
| 20 | 916 | -.327 | .108 | .021 | -.956 |
| 20 | 917 | -.364 | .107 | -.084 | -1.198 |
| 20 | 918 | -.346 | .091 | -.137 | -.840 |
| 20 | 919 | -.339 | .091 | -.123 | -.857 |
| 20 | 920 | -.307 | .077 | -.065 | -.822 |
| 20 | 921 | -.326 | .080 | -.089 | -.856 |
| 20 | 922 | -.344 | .073 | -.164 | -.998 |
| 20 | 923 | -.340 | .067 | -.137 | -.869 |
| 20 | 924 | -.335 | .070 | -.142 | -.880 |
| 20 | 925 | -.345 | .079 | -.121 | -.789 |
| 20 | 926 | -.305 | .058 | -.142 | -.556 |
| 20 | 927 | -.278 | .054 | -.113 | -.513 |
| 20 | 928 | -.270 | .052 | -.104 | -.493 |
| 20 | 929 | -.382 | .062 | -.185 | -.642 |
| 20 | 930 | -.414 | .071 | -.176 | -.813 |
| 20 | 931 | -.344 | .089 | .117 | -.711 |
| 20 | 932 | -.381 | .062 | -.187 | -.639 |
| 20 | 933 | -.406 | .087 | -.039 | -.770 |
| 20 | 934 | -.482 | .082 | -.203 | -.840 |
| 20 | 935 | -.437 | .076 | -.149 | -.765 |
| 20 | 936 | -.279 | .068 | -.053 | -.531 |
| 20 | 937 | -.459 | .091 | -.157 | -.753 |
| 20 | 938 | -.417 | .089 | -.079 | -.704 |
| 20 | 939 | -.158 | .074 | .030 | -.498 |
| 20 | 940 | -.446 | .095 | -.125 | -.939 |
| 20 | 941 | -.381 | .103 | -.046 | -.847 |
| 20 | 942 | -.277 | .081 | .035 | -.522 |
| 30 | 101 | .455 | .129 | .805 | -.013 |
| 30 | 102 | .403 | .119 | .754 | -.006 |
| 30 | 103 | .244 | .092 | .570 | -.054 |
| 30 | 104 | .165 | .077 | .380 | -.059 |
| 30 | 105 | .014 | .061 | .256 | -.211 |
| 30 | 106 | -.108 | .050 | .086 | -.302 |
| 30 | 107 | .553 | .129 | .976 | .079 |
| 30 | 108 | .538 | .126 | .995 | .068 |
| 30 | 109 | .382 | .100 | .651 | .064 |
| 30 | 110 | .276 | .083 | .536 | .004 |
| 30 | 111 | .084 | .067 | .320 | -.157 |
| 30 | 112 | -.117 | .049 | .065 | -.307 |
| 30 | 113 | .556 | .142 | .944 | .072 |
| 30 | 114 | .585 | .134 | .936 | .127 |
| 30 | 115 | .508 | .117 | .852 | .140 |
| 30 | 116 | .356 | .093 | .680 | .055 |
| 30 | 117 | .092 | .057 | .298 | -.120 |
| 30 | 118 | -.063 | .047 | .131 | -.228 |
| 30 | 119 | .493 | .141 | .930 | .079 |
| 30 | 120 | .515 | .135 | .934 | .149 |
| 30 | 121 | .457 | .119 | .810 | .125 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 | 122 | .303 | .093 | .597 | .024 | 30 | 172 | -.371 | .148 | .232 | -.835 | 30 | 244 | .130 | .061 | .443 | -.031 |
| 30 | 123 | .038 | .059 | .276 | -.178 | 30 | 173 | -.384 | .096 | -.096 | -.746 | 30 | 245 | .106 | .063 | .457 | -.090 |
| 30 | 124 | -.143 | .047 | .034 | -.343 | 30 | 174 | -.327 | .109 | .186 | -.786 | 30 | 246 | .096 | .070 | .397 | -.165 |
| 30 | 125 | .389 | .143 | .873 | .006 | 30 | 175 | -.325 | .084 | -.070 | -.690 | 30 | 247 | .172 | .073 | .576 | -.000 |
| 30 | 126 | .424 | .135 | .874 | .084 | 30 | 176 | -.309 | .097 | .180 | -.760 | 30 | 248 | .155 | .061 | .459 | .020 |
| 30 | 127 | .350 | .118 | .711 | .019 | 30 | 177 | -.148 | .170 | .501 | -.588 | 30 | 249 | .124 | .059 | .419 | -.059 |
| 30 | 128 | .219 | .091 | .508 | -.000 | 30 | 178 | .049 | .193 | .686 | -.502 | 30 | 250 | -.330 | .071 | -.137 | -.645 |
| 30 | 129 | -.029 | .057 | .197 | -.240 | 30 | 201 | -.168 | .038 | -.028 | -.296 | 30 | 251 | -.346 | .079 | -.169 | -.702 |
| 30 | 130 | -.186 | .051 | .036 | -.387 | 30 | 202 | -.136 | .040 | .003 | -.272 | 30 | 252 | -.361 | .079 | -.184 | -.707 |
| 30 | 131 | -.100 | .059 | .120 | -.270 | 30 | 203 | -.050 | .047 | .137 | -.208 | 30 | 253 | -.372 | .073 | -.212 | -.876 |
| 30 | 132 | -.236 | .057 | -.045 | -.416 | 30 | 204 | -.043 | .055 | .174 | -.245 | 30 | 254 | -.329 | .068 | -.156 | -.718 |
| 30 | 133 | .233 | .102 | .721 | -.013 | 30 | 205 | -.073 | .165 | .302 | -.586 | 30 | 255 | -.379 | .075 | -.189 | -.671 |
| 30 | 134 | .240 | .093 | .717 | .005 | 30 | 206 | -.172 | .158 | .257 | -.797 | 30 | 256 | -.397 | .080 | -.236 | -.763 |
| 30 | 135 | .155 | .067 | .463 | -.025 | 30 | 207 | -.161 | .034 | -.013 | -.300 | 30 | 257 | -.379 | .072 | -.201 | -.651 |
| 30 | 136 | .053 | .051 | .274 | -.085 | 30 | 208 | -.100 | .034 | .024 | -.211 | 30 | 258 | -.380 | .078 | -.193 | -.702 |
| 30 | 137 | -.169 | .045 | .024 | -.352 | 30 | 209 | .009 | .048 | .184 | -.131 | 30 | 259 | -.343 | .079 | -.159 | -.716 |
| 30 | 138 | -.262 | .054 | -.057 | -.479 | 30 | 210 | .077 | .059 | .250 | -.108 | 30 | 260 | -.367 | .077 | -.170 | -.679 |
| 30 | 139 | -.185 | .035 | -.084 | -.314 | 30 | 211 | .002 | .178 | .414 | -.640 | 30 | 261 | -.377 | .081 | -.144 | -.752 |
| 30 | 140 | -.301 | .050 | -.162 | -.492 | 30 | 212 | -.103 | .158 | .445 | -.697 | 30 | 262 | -.414 | .093 | -.177 | -.862 |
| 30 | 141 | .155 | .075 | .565 | -.155 | 30 | 213 | -.192 | .033 | -.097 | -.307 | 30 | 263 | -.409 | .091 | -.203 | -.814 |
| 30 | 142 | .148 | .072 | .590 | -.103 | 30 | 214 | -.092 | .030 | .015 | -.203 | 30 | 264 | -.413 | .096 | -.151 | -.856 |
| 30 | 143 | .086 | .050 | .330 | -.037 | 30 | 215 | .040 | .051 | .207 | -.123 | 30 | 265 | -.414 | .099 | -.147 | -.932 |
| 30 | 144 | -.017 | .037 | .129 | -.115 | 30 | 216 | .141 | .075 | .375 | -.165 | 30 | 266 | -.393 | .092 | -.140 | -.833 |
| 30 | 145 | -.166 | .038 | -.057 | -.337 | 30 | 217 | -.001 | .209 | .503 | -.621 | 30 | 267 | -.322 | .093 | .355 | -.721 |
| 30 | 146 | -.247 | .052 | -.111 | -.511 | 30 | 218 | .004 | .184 | .613 | -.680 | 30 | 268 | -.358 | .087 | -.095 | -.740 |
| 30 | 147 | .138 | .060 | .422 | -.018 | 30 | 219 | -.204 | .036 | -.005 | -.312 | 30 | 269 | -.319 | .103 | -.054 | -.818 |
| 30 | 148 | .150 | .062 | .443 | .004 | 30 | 220 | -.136 | .034 | -.011 | -.245 | 30 | 270 | -.225 | .069 | -.024 | -.557 |
| 30 | 149 | .149 | .064 | .478 | -.018 | 30 | 221 | .032 | .054 | .267 | -.117 | 30 | 271 | -.118 | .039 | .055 | -.330 |
| 30 | 150 | .067 | .071 | .364 | -.105 | 30 | 222 | .158 | .074 | .475 | -.040 | 30 | 272 | -.101 | .064 | .150 | -.357 |
| 30 | 151 | -.086 | .063 | .250 | -.285 | 30 | 223 | .069 | .185 | .578 | -.560 | 30 | 273 | -.075 | .081 | .275 | -.842 |
| 30 | 152 | -.183 | .065 | .143 | -.470 | 30 | 224 | -.032 | .221 | .615 | -.881 | 30 | 274 | -.143 | .082 | .235 | -.491 |
| 30 | 153 | .147 | .072 | .528 | -.080 | 30 | 225 | -.240 | .046 | -.114 | -.412 | 30 | 275 | -.324 | .098 | -.079 | -.709 |
| 30 | 154 | .196 | .084 | .651 | .012 | 30 | 226 | -.136 | .041 | .024 | -.272 | 30 | 276 | -.263 | .062 | -.083 | -.488 |
| 30 | 155 | .107 | .058 | .422 | -.033 | 30 | 227 | .000 | .050 | .250 | -.145 | 30 | 277 | -.093 | .035 | .070 | -.247 |
| 30 | 156 | .173 | .082 | .542 | -.009 | 30 | 228 | .088 | .072 | .397 | -.237 | 30 | 278 | -.021 | .042 | .167 | -.157 |
| 30 | 157 | -.548 | .098 | -.252 | -.895 | 30 | 229 | .019 | .192 | .534 | -.619 | 30 | 279 | -.047 | .063 | .226 | -.337 |
| 30 | 158 | -.514 | .095 | -.226 | -.918 | 30 | 230 | -.006 | .186 | .672 | -.707 | 30 | 280 | -.126 | .085 | .184 | -.551 |
| 30 | 159 | -.528 | .102 | -.037 | -.995 | 30 | 231 | -.257 | .049 | -.114 | -.456 | 30 | 301 | -.288 | .071 | -.072 | -.802 |
| 30 | 160 | -.465 | .078 | -.232 | -.778 | 30 | 232 | -.194 | .044 | -.052 | -.356 | 30 | 302 | -.286 | .075 | -.044 | -1.000 |
| 30 | 161 | -.499 | .090 | -.022 | -.908 | 30 | 233 | -.313 | .068 | -.136 | -.581 | 30 | 303 | -.250 | .054 | -.046 | -.726 |
| 30 | 162 | -.444 | .067 | -.243 | -.688 | 30 | 234 | -.183 | .046 | -.037 | -.403 | 30 | 304 | -.268 | .049 | -.109 | -.417 |
| 30 | 163 | -.445 | .073 | -.255 | -.747 | 30 | 235 | -.032 | .040 | .142 | -.155 | 30 | 305 | -.263 | .048 | -.088 | -.437 |
| 30 | 164 | -.446 | .077 | -.108 | -.738 | 30 | 236 | .050 | .053 | .291 | -.104 | 30 | 306 | -.256 | .047 | -.082 | -.416 |
| 30 | 165 | -.407 | .070 | -.229 | -.681 | 30 | 237 | .057 | .127 | .505 | -.524 | 30 | 307 | -.303 | .070 | -.072 | -.958 |
| 30 | 166 | -.434 | .079 | -.064 | -.717 | 30 | 238 | -.012 | .156 | .521 | -.498 | 30 | 308 | -.290 | .065 | -.078 | -.940 |
| 30 | 167 | -.401 | .082 | -.202 | -.855 | 30 | 239 | -.261 | .052 | -.107 | -.461 | 30 | 309 | -.230 | .049 | -.085 | -.550 |
| 30 | 168 | -.393 | .092 | -.089 | -.882 | 30 | 240 | -.200 | .043 | -.027 | -.373 | 30 | 310 | -.267 | .048 | -.113 | -.425 |
| 30 | 169 | -.331 | .105 | .201 | -.732 | 30 | 241 | -.258 | .055 | -.109 | -.448 | 30 | 311 | -.253 | .046 | -.119 | -.416 |
| 30 | 170 | -.372 | .092 | -.035 | -.711 | 30 | 242 | -.140 | .045 | .022 | -.305 | 30 | 312 | -.245 | .045 | -.115 | -.389 |
| 30 | 171 | -.378 | .129 | .308 | -.784 | 30 | 243 | .014 | .057 | .299 | -.133 | 30 | 313 | -.300 | .052 | -.126 | -.519 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|
| 30 | 314 | -.294 | .050 | -.132 | -.486 |
| 30 | 315 | -.286 | .042 | -.150 | -.465 |
| 30 | 316 | -.274 | .040 | -.115 | -.430 |
| 30 | 317 | -.268 | .045 | -.136 | -.427 |
| 30 | 318 | -.270 | .046 | -.142 | -.430 |
| 30 | 319 | -.309 | .056 | -.078 | -.551 |
| 30 | 320 | -.304 | .051 | -.132 | -.537 |
| 30 | 321 | -.296 | .046 | -.172 | -.443 |
| 30 | 322 | -.283 | .044 | -.158 | -.442 |
| 30 | 323 | -.291 | .045 | -.146 | -.463 |
| 30 | 324 | -.292 | .045 | -.137 | -.464 |
| 30 | 325 | -.330 | .063 | -.094 | -.760 |
| 30 | 326 | -.307 | .055 | -.143 | -.652 |
| 30 | 327 | -.345 | .065 | -.114 | -.599 |
| 30 | 328 | -.335 | .063 | -.120 | -.576 |
| 30 | 329 | -.356 | .060 | -.162 | -.627 |
| 30 | 330 | -.336 | .055 | -.155 | -.563 |
| 30 | 331 | -.320 | .046 | -.163 | -.534 |
| 30 | 332 | -.312 | .045 | -.164 | -.483 |
| 30 | 333 | -.321 | .051 | -.172 | -.516 |
| 30 | 334 | -.311 | .050 | -.160 | -.504 |
| 30 | 336 | -.347 | .063 | -.154 | -.652 |
| 30 | 337 | -.328 | .058 | -.143 | -.579 |
| 30 | 338 | -.353 | .071 | -.184 | -.721 |
| 30 | 339 | -.349 | .067 | -.180 | -.665 |
| 30 | 340 | -.388 | .076 | -.208 | -.740 |
| 30 | 341 | -.378 | .075 | -.203 | -.733 |
| 30 | 342 | -.366 | .076 | -.177 | -.726 |
| 30 | 343 | -.370 | .076 | -.165 | -.944 |
| 30 | 344 | -.377 | .077 | -.161 | -.908 |
| 30 | 345 | -.366 | .078 | -.152 | -.879 |
| 30 | 346 | -.359 | .078 | -.158 | -.905 |
| 30 | 347 | -.337 | .066 | -.086 | -.645 |
| 30 | 348 | -.340 | .066 | -.128 | -.700 |
| 30 | 349 | -.346 | .057 | -.108 | -.659 |
| 30 | 350 | -.329 | .064 | -.170 | -.723 |
| 30 | 351 | -.341 | .069 | -.169 | -.654 |
| 30 | 352 | -.338 | .069 | -.172 | -.656 |
| 30 | 353 | -.366 | .075 | -.097 | -.778 |
| 30 | 354 | -.357 | .070 | -.042 | -.742 |
| 30 | 355 | -.385 | .081 | -.148 | -.994 |
| 30 | 356 | -.372 | .074 | -.141 | -.820 |
| 30 | 357 | -.329 | .064 | -.106 | -.625 |
| 30 | 358 | -.344 | .071 | -.117 | -.739 |
| 30 | 359 | -.348 | .067 | -.165 | -.697 |
| 30 | 360 | -.355 | .067 | -.174 | -.675 |
| 30 | 361 | -.425 | .110 | -.169 | -1.032 |
| 30 | 362 | -.418 | .105 | -.189 | -1.018 |
| 30 | 363 | -.398 | .103 | -.172 | -1.242 |
| 30 | 364 | -.380 | .092 | -.172 | -1.033 |
| 30 | 365 | -.392 | .075 | -.164 | -.727 |
| 30 | 366 | -.373 | .077 | -.158 | -.736 |
| 30 | 367 | -.378 | .078 | -.146 | -.783 |
| 30 | 368 | -.391 | .084 | -.177 | -.781 |
| 30 | 369 | -.386 | .079 | -.146 | -.763 |
| 30 | 370 | -.389 | .079 | -.186 | -.884 |
| 30 | 371 | -.391 | .081 | -.201 | -.908 |
| 30 | 372 | -.379 | .081 | -.184 | -.721 |
| 30 | 373 | -.390 | .084 | -.193 | -1.041 |
| 30 | 374 | -.383 | .091 | -.118 | -.776 |
| 30 | 375 | -.381 | .090 | -.131 | -.790 |
| 30 | 376 | -.374 | .072 | -.131 | -.699 |
| 30 | 377 | -.391 | .084 | -.165 | -.915 |
| 30 | 378 | -.405 | .107 | -.080 | -1.353 |
| 30 | 379 | -.374 | .092 | -.080 | -.813 |
| 30 | 380 | -.397 | .100 | -.098 | -.778 |
| 30 | 381 | -.391 | .095 | -.090 | -.786 |
| 30 | 382 | -.379 | .098 | -.103 | -.768 |
| 30 | 383 | -.365 | .094 | -.026 | -.778 |
| 30 | 384 | -.357 | .085 | -.083 | -.747 |
| 30 | 385 | -.404 | .113 | -.052 | -1.234 |
| 30 | 386 | -.425 | .123 | -.131 | -1.273 |
| 30 | 387 | -.400 | .100 | -.186 | -.996 |
| 30 | 388 | -.324 | .093 | -.025 | -.773 |
| 30 | 389 | -.331 | .098 | -.021 | -.891 |
| 30 | 390 | -.343 | .083 | -.122 | -.692 |
| 30 | 391 | -.372 | .097 | -.073 | -.851 |
| 30 | 392 | -.409 | .105 | -.049 | -1.114 |
| 30 | 393 | -.423 | .111 | -.042 | -1.275 |
| 30 | 394 | -.292 | .112 | .009 | -.879 |
| 30 | 395 | -.276 | .120 | .028 | -.947 |
| 30 | 396 | -.275 | .104 | .003 | -.739 |
| 30 | 397 | -.302 | .091 | -.039 | -1.027 |
| 30 | 398 | -.326 | .095 | -.041 | -.806 |
| 30 | 399 | -.356 | .093 | -.052 | -.750 |
| 30 | 400 | -.470 | .132 | -.076 | -.973 |
| 30 | 401 | -.558 | .192 | -.123 | -1.292 |
| 30 | 402 | -.553 | .195 | -.065 | -1.190 |
| 30 | 403 | -.266 | .099 | .009 | -.721 |
| 30 | 404 | -.261 | .097 | .052 | -.600 |
| 30 | 405 | -.282 | .087 | -.030 | -.671 |
| 30 | 406 | -.357 | .110 | -.053 | -.787 |
| 30 | 407 | -.540 | .165 | -.146 | -1.222 |
| 30 | 408 | -.532 | .156 | -.158 | -1.134 |
| 30 | 501 | -.308 | .050 | -.138 | -.479 |
| 30 | 502 | -.309 | .049 | -.155 | -.485 |
| 30 | 503 | -.326 | .051 | -.148 | -.534 |
| 30 | 504 | -.340 | .059 | -.067 | -.689 |
| 30 | 505 | -.353 | .090 | -.097 | -.952 |
| 30 | 506 | -.361 | .088 | -.132 | -1.048 |
| 30 | 507 | -.264 | .048 | -.094 | -.441 |
| 30 | 508 | -.292 | .045 | -.166 | -.459 |
| 30 | 509 | -.311 | .053 | -.155 | -.492 |
| 30 | 510 | -.330 | .059 | -.143 | -.572 |
| 30 | 511 | -.325 | .072 | -.091 | -.723 |
| 30 | 512 | -.358 | .087 | -.106 | -1.062 |
| 30 | 513 | -.293 | .046 | -.153 | -.457 |
| 30 | 514 | -.285 | .041 | -.083 | -.454 |
| 30 | 515 | -.298 | .042 | -.153 | -.458 |
| 30 | 516 | -.318 | .043 | -.169 | -.517 |
| 30 | 517 | -.352 | .064 | -.174 | -.825 |
| 30 | 518 | -.351 | .067 | -.147 | -.664 |
| 30 | 519 | -.303 | .046 | -.141 | -.462 |
| 30 | 520 | -.310 | .047 | -.160 | -.519 |
| 30 | 521 | -.314 | .047 | -.149 | -.459 |
| 30 | 522 | -.336 | .051 | -.181 | -.648 |
| 30 | 523 | -.363 | .071 | -.180 | -1.025 |
| 30 | 524 | -.374 | .079 | -.167 | -1.126 |
| 30 | 525 | -.364 | .067 | -.192 | -.727 |
| 30 | 526 | -.378 | .075 | -.196 | -.789 |
| 30 | 527 | -.372 | .067 | -.194 | -.707 |
| 30 | 528 | -.371 | .071 | -.193 | -.799 |
| 30 | 529 | -.384 | .059 | -.209 | -.619 |
| 30 | 530 | -.392 | .060 | -.223 | -.643 |
| 30 | 531 | -.343 | .058 | -.175 | -.626 |
| 30 | 532 | -.332 | .054 | -.187 | -.564 |
| 30 | 533 | -.353 | .055 | -.188 | -.613 |
| 30 | 534 | -.355 | .068 | -.191 | -.776 |
| 30 | 535 | -.363 | .070 | -.144 | -.926 |
| 30 | 536 | -.418 | .070 | -.220 | -.728 |
| 30 | 537 | -.449 | .079 | -.233 | -.826 |
| 30 | 538 | -.454 | .079 | -.250 | -.828 |
| 30 | 539 | -.458 | .078 | -.231 | -.812 |
| 30 | 540 | -.440 | .070 | -.223 | -.767 |
| 30 | 541 | -.443 | .071 | -.223 | -.775 |
| 30 | 542 | -.432 | .070 | -.236 | -.768 |
| 30 | 543 | -.413 | .068 | -.229 | -.713 |
| 30 | 544 | -.419 | .070 | -.247 | -.755 |
| 30 | 545 | -.393 | .078 | -.192 | -.777 |
| 30 | 546 | -.398 | .080 | -.195 | -.783 |
| 30 | 547 | -.366 | .091 | -.125 | -.773 |
| 30 | 548 | -.384 | .100 | -.123 | -.850 |
| 30 | 549 | -.429 | .088 | -.148 | -.833 |
| 30 | 550 | -.410 | .086 | -.174 | -.783 |
| 30 | 551 | -.395 | .084 | -.156 | -.810 |
| 30 | 552 | -.395 | .078 | -.128 | -.797 |
| 30 | 553 | -.401 | .082 | -.187 | -.911 |
| 30 | 554 | -.407 | .100 | -.157 | -1.308 |
| 30 | 555 | -.398 | .089 | -.159 | -.795 |
| 30 | 556 | -.427 | .109 | -.140 | -.906 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|
| 30 | 557 | -.408 | .083 | -.107 | -.755 |
| 30 | 558 | -.380 | .080 | -.085 | -.811 |
| 30 | 559 | -.380 | .082 | -.151 | -.674 |
| 30 | 560 | -.405 | .091 | -.179 | -.814 |
| 30 | 561 | -.433 | .109 | -.175 | -1.071 |
| 30 | 562 | -.442 | .118 | -.164 | -1.069 |
| 30 | 563 | -.394 | .076 | -.127 | -.916 |
| 30 | 564 | -.394 | .080 | -.125 | -.741 |
| 30 | 565 | -.395 | .087 | -.162 | -.822 |
| 30 | 566 | -.369 | .085 | -.126 | -.855 |
| 30 | 567 | -.380 | .086 | -.152 | -.787 |
| 30 | 568 | -.413 | .097 | -.149 | -.795 |
| 30 | 569 | -.424 | .105 | -.164 | -.950 |
| 30 | 570 | -.407 | .084 | -.170 | -.797 |
| 30 | 571 | -.398 | .102 | -.081 | -1.045 |
| 30 | 572 | -.382 | .087 | -.098 | -.718 |
| 30 | 573 | -.371 | .091 | -.040 | -.733 |
| 30 | 574 | -.364 | .097 | -.107 | -.821 |
| 30 | 575 | -.319 | .082 | -.083 | -.673 |
| 30 | 576 | -.345 | .119 | -.059 | -.868 |
| 30 | 577 | -.538 | .139 | -.240 | -1.212 |
| 30 | 578 | -.509 | .110 | -.238 | -.993 |
| 30 | 579 | -.457 | .105 | -.128 | -.981 |
| 30 | 580 | -.440 | .118 | -.154 | -1.524 |
| 30 | 581 | -.429 | .110 | -.128 | -.984 |
| 30 | 582 | -.430 | .109 | -.107 | -.891 |
| 30 | 583 | -.416 | .111 | -.076 | -.981 |
| 30 | 584 | -.416 | .111 | -.050 | -1.040 |
| 30 | 585 | -.446 | .113 | -.193 | -1.098 |
| 30 | 586 | -.431 | .100 | -.199 | -.981 |
| 30 | 587 | -.381 | .096 | -.181 | -.986 |
| 30 | 588 | -.361 | .098 | -.120 | -.938 |
| 30 | 589 | -.347 | .097 | -.067 | -.850 |
| 30 | 590 | -.346 | .095 | -.061 | -.916 |
| 30 | 591 | -.522 | .172 | -.152 | -1.294 |
| 30 | 592 | -.507 | .157 | -.115 | -1.129 |
| 30 | 593 | -.306 | .084 | -.043 | -.772 |
| 30 | 594 | -.274 | .078 | -.039 | -.641 |
| 30 | 595 | -.254 | .083 | .032 | -.594 |
| 30 | 596 | -.236 | .087 | .009 | -.826 |
| 30 | 597 | -.298 | .089 | -.028 | -.701 |
| 30 | 598 | -.330 | .100 | -.053 | -.891 |
| 30 | 599 | -.254 | .101 | .025 | -.694 |
| 30 | 600 | -.311 | .120 | .024 | -1.075 |
| 30 | 701 | -.119 | .083 | .291 | -.464 |
| 30 | 702 | .414 | .139 | .817 | -.389 |
| 30 | 703 | .215 | .207 | .805 | -.452 |
| 30 | 704 | .141 | .224 | .744 | -.666 |
| 30 | 705 | .129 | .136 | .701 | -.565 |
| 30 | 706 | .113 | .061 | .306 | -.074 |
| 30 | 707 | -.297 | .050 | -.111 | -.523 |
| 30 | 708 | -.285 | .050 | -.108 | -.457 |
| 30 | 709 | -.388 | .060 | -.169 | -.614 |
| 30 | 710 | -.439 | .073 | -.233 | -.687 |
| 30 | 711 | -.364 | .083 | -.115 | -.817 |
| 30 | 712 | -.427 | .082 | -.094 | -.785 |
| 30 | 713 | -.441 | .084 | -.147 | -.859 |
| 30 | 714 | -.280 | .101 | .048 | -.784 |
| 30 | 715 | -.483 | .107 | -.206 | -1.051 |
| 30 | 716 | -.429 | .132 | -.136 | -.979 |
| 30 | 717 | -.345 | .086 | -.105 | -.788 |
| 30 | 718 | -.348 | .075 | -.093 | -.866 |
| 30 | 719 | -.349 | .077 | -.149 | -.957 |
| 30 | 720 | -.400 | .106 | -.077 | -1.267 |
| 30 | 721 | -.438 | .112 | -.189 | -1.265 |
| 30 | 722 | -.420 | .111 | -.108 | -.974 |
| 30 | 723 | -.363 | .101 | -.108 | -1.039 |
| 30 | 724 | -.284 | .113 | .008 | -1.134 |
| 30 | 725 | -.252 | .047 | -.109 | -.408 |
| 30 | 726 | -.262 | .045 | -.124 | -.439 |
| 30 | 727 | -.313 | .052 | -.087 | -.526 |
| 30 | 728 | -.379 | .078 | -.184 | -.759 |
| 30 | 729 | -.363 | .079 | -.136 | -.779 |
| 30 | 730 | -.365 | .066 | -.191 | -.623 |
| 30 | 731 | -.382 | .083 | -.167 | -.801 |
| 30 | 732 | -.377 | .087 | -.155 | -.763 |
| 30 | 733 | -.400 | .110 | -.169 | -1.408 |
| 30 | 734 | -.390 | .100 | -.150 | -.803 |
| 30 | 735 | -.315 | .111 | .049 | -.936 |
| 30 | 736 | -.529 | .168 | -.151 | -1.144 |
| 30 | 901 | -.357 | .093 | -.082 | -.975 |
| 30 | 902 | -.350 | .087 | -.106 | -.952 |
| 30 | 903 | -.387 | .091 | -.166 | -.846 |
| 30 | 904 | -.221 | .060 | -.049 | -.486 |
| 30 | 905 | -.297 | .074 | -.018 | -.732 |
| 30 | 906 | -.158 | .067 | .069 | -.443 |
| 30 | 907 | -.191 | .054 | .081 | -.426 |
| 30 | 908 | -.030 | .048 | .214 | -.231 |
| 30 | 909 | .017 | .119 | .606 | -.334 |
| 30 | 910 | -.017 | .103 | .478 | -.478 |
| 30 | 911 | -.353 | .099 | -.038 | -.845 |
| 30 | 912 | -.327 | .104 | .049 | -.834 |
| 30 | 913 | -.371 | .090 | -.104 | -1.034 |
| 30 | 914 | -.410 | .095 | -.207 | -1.131 |
| 30 | 915 | -.401 | .094 | -.196 | -.942 |
| 30 | 916 | -.386 | .094 | -.159 | -.920 |
| 30 | 917 | -.382 | .091 | -.177 | -.899 |
| 30 | 918 | -.368 | .084 | -.158 | -.838 |
| 30 | 919 | -.363 | .083 | -.162 | -.823 |
| 30 | 920 | -.307 | .059 | -.152 | -.558 |
| 30 | 921 | -.319 | .057 | -.128 | -.561 |
| 30 | 922 | -.352 | .065 | -.180 | -.762 |
| 30 | 923 | -.358 | .060 | -.179 | -.742 |
| 30 | 924 | -.350 | .062 | -.181 | -.711 |
| 30 | 925 | -.347 | .057 | -.198 | -.703 |
| 30 | 926 | -.324 | .045 | -.180 | -.574 |
| 30 | 927 | -.303 | .046 | -.155 | -.557 |
| 30 | 928 | -.293 | .044 | -.157 | -.457 |
| 30 | 929 | -.348 | .056 | -.143 | -.585 |
| 30 | 930 | -.393 | .069 | -.177 | -.681 |
| 30 | 931 | -.225 | .110 | .206 | -.706 |
| 30 | 932 | -.345 | .055 | -.140 | -.524 |
| 30 | 933 | -.391 | .090 | -.053 | -.759 |
| 30 | 934 | -.486 | .085 | -.185 | -.835 |
| 30 | 935 | -.401 | .081 | -.138 | -.693 |
| 30 | 936 | -.191 | .062 | -.027 | -.428 |
| 30 | 937 | -.487 | .102 | -.232 | -1.022 |
| 30 | 938 | -.318 | .095 | -.058 | -.669 |
| 30 | 939 | -.189 | .098 | .057 | -.496 |
| 30 | 940 | -.478 | .115 | -.186 | -1.138 |
| 30 | 941 | -.524 | .129 | -.087 | -.911 |
| 30 | 942 | -.335 | .062 | -.060 | -.588 |
| 40 | 101 | .360 | .125 | .663 | -.246 |
| 40 | 102 | .284 | .113 | .588 | -.160 |
| 40 | 103 | .140 | .083 | .420 | -.174 |
| 40 | 104 | .083 | .065 | .324 | -.143 |
| 40 | 105 | -.024 | .051 | .161 | -.181 |
| 40 | 106 | -.165 | .045 | -.008 | -.315 |
| 40 | 107 | .483 | .130 | .819 | .023 |
| 40 | 108 | .442 | .120 | .761 | .043 |
| 40 | 109 | .271 | .090 | .614 | -.010 |
| 40 | 110 | .178 | .076 | .445 | -.104 |
| 40 | 111 | .008 | .056 | .204 | -.193 |
| 40 | 112 | -.171 | .044 | -.010 | -.347 |
| 40 | 113 | .552 | .128 | .919 | .148 |
| 40 | 114 | .521 | .118 | .896 | .190 |
| 40 | 115 | .377 | .101 | .658 | .024 |
| 40 | 116 | .222 | .076 | .448 | -.050 |
| 40 | 117 | -.006 | .046 | .184 | -.203 |
| 40 | 118 | -.125 | .042 | .029 | -.269 |
| 40 | 119 | .472 | .142 | .999 | -.008 |
| 40 | 120 | .448 | .133 | .910 | .023 |
| 40 | 121 | .327 | .112 | .751 | .044 |
| 40 | 122 | .174 | .082 | .519 | -.048 |
| 40 | 123 | -.055 | .048 | .150 | -.218 |
| 40 | 124 | -.188 | .041 | -.024 | -.355 |
| 40 | 125 | .345 | .146 | .782 | -.133 |
| 40 | 126 | .338 | .129 | .739 | -.040 |
| 40 | 127 | .226 | .095 | .544 | .004 |
| 40 | 128 | .102 | .071 | .331 | -.103 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | 129 | -.109 | .047 | .078 | -.263 | 40 | 201 | -.140 | .043 | .020 | -.320 | 40 | 251 | -.404 | .084 | -.209 | -.816 |
| 40 | 130 | -.232 | .048 | -.076 | -.388 | 40 | 202 | -.112 | .048 | .067 | -.292 | 40 | 252 | -.409 | .083 | -.187 | -.867 |
| 40 | 131 | -.156 | .047 | .027 | -.344 | 40 | 203 | .020 | .056 | .231 | -.163 | 40 | 253 | -.435 | .086 | -.226 | -.862 |
| 40 | 132 | -.266 | .055 | -.060 | -.551 | 40 | 204 | .044 | .067 | .285 | -.171 | 40 | 254 | -.384 | .075 | -.205 | -.690 |
| 40 | 133 | .195 | .121 | .658 | -.214 | 40 | 205 | .187 | .101 | .468 | -.201 | 40 | 255 | -.426 | .078 | -.188 | -.792 |
| 40 | 134 | .168 | .103 | .597 | -.246 | 40 | 206 | .206 | .150 | .570 | -.513 | 40 | 256 | -.441 | .073 | -.204 | -.785 |
| 40 | 135 | .084 | .062 | .392 | -.075 | 40 | 207 | -.150 | .037 | -.010 | -.296 | 40 | 257 | -.429 | .076 | -.213 | -.756 |
| 40 | 136 | .001 | .043 | .219 | -.116 | 40 | 208 | -.050 | .045 | .121 | -.233 | 40 | 258 | -.416 | .080 | -.214 | -.777 |
| 40 | 137 | -.189 | .039 | -.031 | -.350 | 40 | 209 | .106 | .064 | .316 | -.102 | 40 | 259 | -.401 | .075 | -.190 | -.759 |
| 40 | 138 | -.292 | .047 | -.150 | -.487 | 40 | 210 | .194 | .082 | .456 | -.031 | 40 | 260 | -.386 | .075 | -.098 | -.734 |
| 40 | 139 | -.209 | .036 | -.089 | -.354 | 40 | 211 | .314 | .129 | .665 | -.247 | 40 | 261 | -.403 | .081 | -.199 | -.857 |
| 40 | 140 | -.282 | .046 | -.155 | -.500 | 40 | 212 | .301 | .174 | .734 | -.352 | 40 | 262 | -.437 | .092 | -.032 | -.930 |
| 40 | 141 | .093 | .111 | .481 | -.361 | 40 | 213 | -.176 | .033 | -.058 | -.303 | 40 | 263 | -.439 | .090 | -.036 | -.920 |
| 40 | 142 | .102 | .089 | .448 | -.222 | 40 | 214 | -.036 | .039 | .093 | -.174 | 40 | 264 | -.442 | .088 | -.222 | -.959 |
| 40 | 143 | .041 | .051 | .264 | -.076 | 40 | 215 | .153 | .071 | .389 | -.104 | 40 | 265 | -.429 | .088 | -.135 | -.948 |
| 40 | 144 | -.039 | .033 | .092 | -.155 | 40 | 216 | .291 | .098 | .620 | -.017 | 40 | 266 | -.415 | .084 | -.231 | -.896 |
| 40 | 145 | -.195 | .037 | -.094 | -.450 | 40 | 217 | .393 | .153 | .850 | -.238 | 40 | 267 | -.315 | .113 | .425 | -.752 |
| 40 | 146 | -.273 | .050 | -.146 | -.617 | 40 | 218 | .408 | .182 | .919 | -.283 | 40 | 268 | -.374 | .080 | -.078 | -.712 |
| 40 | 147 | .095 | .082 | .432 | -.155 | 40 | 219 | -.190 | .035 | -.052 | -.311 | 40 | 269 | -.366 | .094 | -.094 | -.752 |
| 40 | 148 | .102 | .074 | .448 | -.141 | 40 | 220 | -.081 | .043 | .086 | -.216 | 40 | 270 | -.242 | .067 | .017 | -.512 |
| 40 | 149 | .070 | .055 | .369 | -.079 | 40 | 221 | .136 | .069 | .367 | -.068 | 40 | 271 | -.107 | .047 | .108 | -.281 |
| 40 | 150 | -.016 | .043 | .192 | -.126 | 40 | 222 | .291 | .101 | .633 | .008 | 40 | 272 | -.071 | .070 | .234 | -.303 |
| 40 | 151 | -.170 | .045 | .049 | -.359 | 40 | 223 | .369 | .156 | .860 | -.252 | 40 | 273 | -.021 | .087 | .337 | -.586 |
| 40 | 152 | -.254 | .056 | -.016 | -.541 | 40 | 224 | .359 | .190 | .937 | -.384 | 40 | 274 | -.068 | .097 | .342 | -.389 |
| 40 | 153 | .166 | .081 | .564 | -.104 | 40 | 225 | -.248 | .054 | -.061 | -.452 | 40 | 275 | -.363 | .084 | -.089 | -.713 |
| 40 | 154 | .209 | .093 | .687 | 0.000 | 40 | 226 | -.098 | .048 | .059 | -.258 | 40 | 276 | -.271 | .056 | -.088 | -.476 |
| 40 | 155 | .149 | .077 | .626 | -.016 | 40 | 227 | .093 | .073 | .349 | -.084 | 40 | 277 | -.072 | .040 | .124 | -.201 |
| 40 | 156 | .199 | .103 | .673 | -.002 | 40 | 228 | .214 | .099 | .555 | -.027 | 40 | 278 | .008 | .051 | .228 | -.114 |
| 40 | 157 | -.435 | .082 | -.214 | -.773 | 40 | 229 | .299 | .139 | .717 | -.255 | 40 | 279 | .005 | .073 | .276 | -.315 |
| 40 | 158 | -.443 | .098 | -.195 | -.823 | 40 | 230 | .329 | .159 | .812 | -.312 | 40 | 280 | -.045 | .090 | .439 | -.393 |
| 40 | 159 | -.465 | .094 | -.199 | -.811 | 40 | 231 | -.273 | .061 | -.072 | -.540 | 40 | 301 | -.281 | .062 | -.097 | -.600 |
| 40 | 160 | -.418 | .067 | -.252 | -.665 | 40 | 232 | -.167 | .051 | .035 | -.332 | 40 | 302 | -.291 | .069 | -.070 | -.993 |
| 40 | 161 | -.437 | .073 | -.264 | -.747 | 40 | 233 | -.328 | .071 | -.097 | -.644 | 40 | 303 | -.282 | .052 | -.101 | -.608 |
| 40 | 162 | -.426 | .071 | -.256 | -.720 | 40 | 234 | -.156 | .050 | .025 | -.334 | 40 | 304 | -.293 | .049 | -.117 | -.510 |
| 40 | 163 | -.430 | .071 | -.225 | -.700 | 40 | 235 | .033 | .059 | .295 | -.158 | 40 | 305 | -.287 | .049 | -.103 | -.510 |
| 40 | 164 | -.438 | .076 | -.146 | -.769 | 40 | 236 | .134 | .075 | .446 | -.064 | 40 | 306 | -.280 | .048 | -.100 | -.486 |
| 40 | 165 | -.412 | .074 | -.237 | -.768 | 40 | 237 | .203 | .109 | .634 | -.335 | 40 | 307 | -.296 | .063 | -.082 | -.702 |
| 40 | 166 | -.410 | .078 | -.176 | -.806 | 40 | 238 | .202 | .122 | .679 | -.319 | 40 | 308 | -.299 | .058 | -.115 | -.599 |
| 40 | 167 | -.401 | .075 | -.226 | -.776 | 40 | 239 | -.259 | .056 | -.087 | -.585 | 40 | 309 | -.279 | .049 | -.115 | -.502 |
| 40 | 168 | -.403 | .078 | -.185 | -.806 | 40 | 240 | -.178 | .050 | .010 | -.409 | 40 | 310 | -.296 | .048 | -.138 | -.564 |
| 40 | 169 | -.381 | .079 | -.120 | -.816 | 40 | 241 | -.253 | .058 | -.068 | -.593 | 40 | 311 | -.282 | .047 | -.124 | -.476 |
| 40 | 170 | -.420 | .089 | -.181 | -.942 | 40 | 242 | -.118 | .052 | .086 | -.343 | 40 | 312 | -.277 | .046 | -.123 | -.456 |
| 40 | 171 | -.449 | .098 | -.099 | -.971 | 40 | 243 | .063 | .073 | .369 | -.116 | 40 | 313 | -.307 | .052 | -.122 | -.539 |
| 40 | 172 | -.460 | .105 | .005 | -1.031 | 40 | 244 | .145 | .066 | .471 | -.030 | 40 | 314 | -.304 | .049 | -.133 | -.534 |
| 40 | 173 | -.410 | .085 | -.140 | -.824 | 40 | 245 | .131 | .062 | .413 | -.099 | 40 | 315 | -.297 | .043 | -.158 | -.457 |
| 40 | 174 | -.400 | .086 | -.073 | -.753 | 40 | 246 | .149 | .068 | .454 | -.103 | 40 | 316 | -.288 | .042 | -.164 | -.449 |
| 40 | 175 | -.358 | .082 | -.113 | -.820 | 40 | 247 | .191 | .085 | .537 | .022 | 40 | 317 | -.283 | .041 | -.134 | -.420 |
| 40 | 176 | -.355 | .097 | .145 | -.836 | 40 | 248 | .154 | .071 | .473 | -.037 | 40 | 318 | -.283 | .041 | -.111 | -.422 |
| 40 | 177 | -.318 | .114 | .223 | -.934 | 40 | 249 | .137 | .065 | .442 | -.014 | 40 | 319 | -.341 | .065 | -.146 | -.985 |
| 40 | 178 | -.185 | .166 | .382 | -.636 | 40 | 250 | -.405 | .087 | -.217 | -.779 | 40 | 320 | -.339 | .060 | -.123 | -1.019 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | 321 | -.329 | .050 | -.165 | -.546 | 40 | 372 | -.391 | .078 | -.143 | -.783 | 40 | 514 | -.289 | .044 | -.114 | -.482 |
| 40 | 322 | -.307 | .048 | -.176 | -.459 | 40 | 373 | -.390 | .082 | -.160 | -.752 | 40 | 515 | -.301 | .044 | -.150 | -.494 |
| 40 | 323 | -.300 | .044 | -.151 | -.468 | 40 | 374 | -.409 | .080 | -.116 | -.792 | 40 | 516 | -.315 | .045 | -.199 | -.487 |
| 40 | 324 | -.303 | .045 | -.162 | -.473 | 40 | 375 | -.403 | .076 | -.122 | -.761 | 40 | 517 | -.312 | .055 | -.150 | -.560 |
| 40 | 325 | -.333 | .059 | -.138 | -.610 | 40 | 376 | -.418 | .077 | -.088 | -.754 | 40 | 518 | -.333 | .067 | -.099 | -.711 |
| 40 | 326 | -.312 | .055 | -.096 | -.553 | 40 | 377 | -.430 | .096 | -.183 | -1.084 | 40 | 519 | -.313 | .045 | -.157 | -.476 |
| 40 | 327 | -.352 | .068 | -.137 | -.849 | 40 | 378 | -.444 | .110 | -.142 | -1.210 | 40 | 520 | -.315 | .049 | -.182 | -.486 |
| 40 | 328 | -.349 | .064 | -.120 | -.740 | 40 | 379 | -.437 | .109 | -.171 | -.955 | 40 | 521 | -.314 | .043 | -.179 | -.476 |
| 40 | 329 | -.355 | .053 | -.121 | -.644 | 40 | 380 | -.400 | .085 | -.090 | -.830 | 40 | 522 | -.332 | .044 | -.163 | -.494 |
| 40 | 330 | -.338 | .053 | -.116 | -.646 | 40 | 381 | -.393 | .081 | -.100 | -.821 | 40 | 523 | -.345 | .055 | -.140 | -.552 |
| 40 | 331 | -.339 | .051 | -.193 | -.585 | 40 | 382 | -.383 | .085 | -.100 | -.854 | 40 | 524 | -.343 | .061 | -.101 | -.648 |
| 40 | 332 | -.333 | .050 | -.211 | -.527 | 40 | 383 | -.373 | .084 | -.123 | -.778 | 40 | 525 | -.358 | .061 | -.177 | -.803 |
| 40 | 333 | -.350 | .058 | -.175 | -.590 | 40 | 384 | -.387 | .085 | -.165 | -.821 | 40 | 526 | -.371 | .070 | -.153 | -.776 |
| 40 | 334 | -.337 | .058 | -.168 | -.579 | 40 | 385 | -.450 | .110 | -.203 | -1.148 | 40 | 527 | -.373 | .066 | -.125 | -.809 |
| 40 | 336 | -.394 | .071 | -.218 | -.843 | 40 | 386 | -.429 | .105 | -.188 | -1.155 | 40 | 528 | -.374 | .075 | -.139 | -.894 |
| 40 | 337 | -.369 | .063 | -.202 | -.775 | 40 | 387 | -.449 | .101 | -.142 | -1.125 | 40 | 529 | -.373 | .053 | -.208 | -.559 |
| 40 | 338 | -.399 | .071 | -.233 | -.865 | 40 | 388 | -.342 | .088 | -.035 | -.862 | 40 | 530 | -.381 | .055 | -.215 | -.577 |
| 40 | 339 | -.399 | .068 | -.207 | -.671 | 40 | 389 | -.338 | .086 | -.071 | -.759 | 40 | 531 | -.351 | .057 | -.176 | -.558 |
| 40 | 340 | -.429 | .073 | -.216 | -.750 | 40 | 390 | -.334 | .082 | -.058 | -.596 | 40 | 532 | -.340 | .046 | -.184 | -.512 |
| 40 | 341 | -.420 | .072 | -.216 | -.738 | 40 | 391 | -.407 | .091 | -.074 | -.801 | 40 | 533 | -.347 | .049 | -.195 | -.532 |
| 40 | 342 | -.413 | .074 | -.195 | -.723 | 40 | 392 | -.448 | .110 | -.201 | -.895 | 40 | 534 | -.347 | .058 | -.139 | -.676 |
| 40 | 343 | -.403 | .068 | -.205 | -.639 | 40 | 393 | -.464 | .114 | -.206 | -.970 | 40 | 535 | -.370 | .053 | -.201 | -.593 |
| 40 | 344 | -.411 | .068 | -.199 | -.654 | 40 | 394 | -.276 | .100 | .094 | -.996 | 40 | 536 | -.401 | .061 | -.251 | -.661 |
| 40 | 345 | -.396 | .071 | -.175 | -.656 | 40 | 395 | -.288 | .085 | .033 | -.768 | 40 | 537 | -.426 | .070 | -.245 | -.691 |
| 40 | 346 | -.391 | .071 | -.178 | -.656 | 40 | 396 | -.331 | .095 | .027 | -.701 | 40 | 538 | -.421 | .069 | -.243 | -.667 |
| 40 | 347 | -.360 | .073 | -.144 | -.783 | 40 | 397 | -.329 | .085 | -.080 | -.669 | 40 | 539 | -.409 | .066 | -.223 | -.664 |
| 40 | 348 | -.364 | .069 | -.136 | -.644 | 40 | 398 | -.362 | .082 | -.115 | -.700 | 40 | 540 | -.413 | .066 | -.200 | -.668 |
| 40 | 349 | -.373 | .068 | -.182 | -.794 | 40 | 399 | -.377 | .079 | -.126 | -1.047 | 40 | 541 | -.417 | .067 | -.226 | -.674 |
| 40 | 350 | -.369 | .069 | -.212 | -.683 | 40 | 400 | -.530 | .122 | -.184 | -1.030 | 40 | 542 | -.414 | .066 | -.226 | -.665 |
| 40 | 351 | -.383 | .073 | -.206 | -.664 | 40 | 401 | -.649 | .195 | -.148 | -1.331 | 40 | 543 | -.416 | .069 | -.221 | -.684 |
| 40 | 352 | -.378 | .073 | -.204 | -.673 | 40 | 402 | -.642 | .201 | -.136 | -1.423 | 40 | 544 | -.421 | .069 | -.227 | -.690 |
| 40 | 353 | -.373 | .067 | -.135 | -.629 | 40 | 403 | -.312 | .084 | -.043 | -.601 | 40 | 545 | -.406 | .075 | -.211 | -.760 |
| 40 | 354 | -.367 | .064 | -.126 | -.602 | 40 | 404 | -.303 | .082 | -.037 | -.602 | 40 | 546 | -.402 | .076 | -.197 | -.761 |
| 40 | 355 | -.396 | .082 | -.158 | -.802 | 40 | 405 | -.309 | .074 | -.086 | -.612 | 40 | 547 | -.393 | .081 | -.184 | -.732 |
| 40 | 356 | -.377 | .077 | -.181 | -.790 | 40 | 406 | -.363 | .093 | -.081 | -.695 | 40 | 548 | -.398 | .084 | -.188 | -.759 |
| 40 | 357 | -.399 | .080 | -.168 | -.839 | 40 | 407 | -.674 | .188 | -.234 | -1.550 | 40 | 549 | -.431 | .093 | -.201 | -.853 |
| 40 | 358 | -.400 | .081 | -.179 | -1.020 | 40 | 408 | -.650 | .169 | -.232 | -1.487 | 40 | 550 | -.416 | .091 | -.183 | -.807 |
| 40 | 359 | -.403 | .078 | -.177 | -.898 | 40 | 501 | -.297 | .049 | -.143 | -.467 | 40 | 551 | -.412 | .083 | -.213 | -.771 |
| 40 | 360 | -.398 | .080 | -.157 | -.970 | 40 | 502 | -.305 | .053 | -.102 | -.511 | 40 | 552 | -.403 | .077 | -.205 | -.791 |
| 40 | 361 | -.461 | .108 | -.239 | -1.139 | 40 | 503 | -.313 | .052 | -.126 | -.542 | 40 | 553 | -.401 | .074 | -.147 | -.736 |
| 40 | 362 | -.451 | .101 | -.237 | -1.004 | 40 | 504 | -.297 | .056 | -.131 | -.567 | 40 | 554 | -.404 | .088 | -.118 | -.846 |
| 40 | 363 | -.430 | .091 | -.225 | -.987 | 40 | 505 | -.315 | .067 | -.105 | -.640 | 40 | 555 | -.394 | .073 | -.160 | -.754 |
| 40 | 364 | -.401 | .085 | -.181 | -.788 | 40 | 506 | -.313 | .066 | -.118 | -.697 | 40 | 556 | -.411 | .087 | -.131 | -.835 |
| 40 | 365 | -.419 | .084 | -.177 | -.727 | 40 | 507 | -.278 | .048 | -.122 | -.429 | 40 | 557 | -.408 | .076 | -.132 | -.760 |
| 40 | 366 | -.416 | .079 | -.204 | -.775 | 40 | 508 | -.293 | .047 | -.118 | -.442 | 40 | 558 | -.393 | .073 | -.137 | -.747 |
| 40 | 367 | -.418 | .079 | -.191 | -.773 | 40 | 509 | -.298 | .048 | -.093 | -.506 | 40 | 559 | -.395 | .065 | -.196 | -.708 |
| 40 | 368 | -.429 | .084 | -.191 | -.788 | 40 | 510 | -.305 | .052 | -.107 | -.533 | 40 | 560 | -.411 | .075 | -.212 | -.791 |
| 40 | 369 | -.413 | .081 | -.193 | -.852 | 40 | 511 | -.298 | .069 | -.097 | -.716 | 40 | 561 | -.433 | .095 | -.196 | -.954 |
| 40 | 370 | -.411 | .079 | -.185 | -.730 | 40 | 512 | -.331 | .076 | -.095 | -.935 | 40 | 562 | -.434 | .106 | -.187 | -.974 |
| 40 | 371 | -.412 | .080 | -.165 | -.835 | 40 | 513 | -.273 | .043 | -.136 | -.444 | 40 | 563 | -.408 | .071 | -.213 | -.718 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|
| 40 | 564 | -.409 | .074 | -.210 | -.744 |
| 40 | 565 | -.403 | .080 | -.065 | -.741 |
| 40 | 566 | -.386 | .076 | -.172 | -.885 |
| 40 | 567 | -.396 | .082 | -.173 | -.930 |
| 40 | 568 | -.431 | .094 | -.211 | -.952 |
| 40 | 569 | -.447 | .098 | -.217 | -1.178 |
| 40 | 570 | -.433 | .074 | -.226 | -.738 |
| 40 | 571 | -.434 | .085 | -.214 | -.880 |
| 40 | 572 | -.406 | .080 | -.155 | -.688 |
| 40 | 573 | -.403 | .083 | -.097 | -.712 |
| 40 | 574 | -.395 | .087 | -.152 | -.760 |
| 40 | 575 | -.366 | .082 | -.105 | -.648 |
| 40 | 576 | -.376 | .091 | -.126 | -.781 |
| 40 | 577 | -.478 | .109 | -.131 | -.996 |
| 40 | 578 | -.478 | .107 | -.150 | -1.189 |
| 40 | 579 | -.453 | .103 | -.115 | -1.003 |
| 40 | 580 | -.444 | .104 | -.218 | -1.120 |
| 40 | 581 | -.437 | .099 | -.202 | -1.004 |
| 40 | 582 | -.444 | .104 | -.206 | -1.040 |
| 40 | 583 | -.431 | .103 | -.190 | -1.080 |
| 40 | 584 | -.429 | .106 | -.123 | -.927 |
| 40 | 585 | -.433 | .106 | -.205 | -1.070 |
| 40 | 586 | -.423 | .096 | -.204 | -1.015 |
| 40 | 587 | -.405 | .104 | -.154 | -1.675 |
| 40 | 588 | -.416 | .105 | -.182 | -1.027 |
| 40 | 589 | -.396 | .103 | -.153 | -.970 |
| 40 | 590 | -.401 | .112 | -.135 | -1.182 |
| 40 | 591 | -.451 | .135 | -.187 | -1.034 |
| 40 | 592 | -.462 | .133 | -.179 | -1.049 |
| 40 | 593 | -.372 | .088 | -.163 | -.798 |
| 40 | 594 | -.350 | .090 | -.128 | -1.057 |
| 40 | 595 | -.309 | .108 | -.040 | -.933 |
| 40 | 596 | -.311 | .112 | .005 | -1.104 |
| 40 | 597 | -.332 | .087 | -.031 | -.647 |
| 40 | 598 | -.351 | .084 | -.114 | -.755 |
| 40 | 599 | -.298 | .091 | .021 | -.624 |
| 40 | 600 | -.311 | .102 | -.020 | -.695 |
| 40 | 701 | -.034 | .094 | .432 | -.525 |
| 40 | 702 | .489 | .139 | .912 | .024 |
| 40 | 703 | .485 | .166 | .945 | -.187 |
| 40 | 704 | .358 | .166 | .803 | -.435 |
| 40 | 705 | .229 | .119 | .751 | -.176 |
| 40 | 706 | .101 | .093 | .402 | -.352 |
| 40 | 707 | -.292 | .051 | -.129 | -.497 |
| 40 | 708 | -.295 | .049 | -.121 | -.482 |
| 40 | 709 | -.342 | .051 | -.188 | -.512 |
| 40 | 710 | -.417 | .061 | -.222 | -.671 |
| 40 | 711 | -.377 | .081 | -.166 | -.802 |
| 40 | 712 | -.425 | .074 | -.224 | -.695 |
| 40 | 713 | -.418 | .073 | -.191 | -.726 |
| 40 | 714 | -.360 | .090 | .017 | -.715 |
| 40 | 715 | -.475 | .100 | -.183 | -.959 |
| 40 | 716 | -.405 | .109 | -.119 | -.886 |
| 40 | 717 | -.313 | .078 | -.075 | -.761 |
| 40 | 718 | -.335 | .064 | -.100 | -.631 |
| 40 | 719 | -.365 | .063 | -.171 | -.728 |
| 40 | 720 | -.385 | .086 | -.123 | -.805 |
| 40 | 721 | -.463 | .106 | -.239 | -1.104 |
| 40 | 722 | -.422 | .104 | -.110 | -.899 |
| 40 | 723 | -.400 | .113 | -.083 | -1.104 |
| 40 | 724 | -.321 | .114 | .018 | -.881 |
| 40 | 725 | -.285 | .048 | -.120 | -.478 |
| 40 | 726 | -.274 | .042 | -.144 | -.432 |
| 40 | 727 | -.346 | .055 | -.193 | -.632 |
| 40 | 728 | -.416 | .077 | -.203 | -.766 |
| 40 | 729 | -.397 | .077 | -.181 | -.727 |
| 40 | 730 | -.390 | .076 | -.202 | -.752 |
| 40 | 731 | -.416 | .083 | -.218 | -.830 |
| 40 | 732 | -.399 | .085 | -.153 | -.876 |
| 40 | 733 | -.418 | .095 | -.170 | -.797 |
| 40 | 734 | -.409 | .099 | -.151 | -1.208 |
| 40 | 735 | -.307 | .092 | -.017 | -.726 |
| 40 | 736 | -.622 | .185 | -.204 | -1.335 |
| 40 | 901 | -.351 | .099 | -.026 | -.952 |
| 40 | 902 | -.332 | .087 | -.046 | -.942 |
| 40 | 903 | -.389 | .089 | -.163 | -.803 |
| 40 | 904 | -.218 | .061 | .012 | -.412 |
| 40 | 905 | -.293 | .074 | -.036 | -.541 |
| 40 | 906 | -.188 | .072 | .060 | -.505 |
| 40 | 907 | -.198 | .059 | .009 | -.552 |
| 40 | 908 | .015 | .070 | .335 | -.173 |
| 40 | 909 | .129 | .143 | .648 | -.283 |
| 40 | 910 | .086 | .123 | .526 | -.371 |
| 40 | 911 | -.371 | .076 | .043 | -.694 |
| 40 | 912 | -.372 | .079 | .045 | -.847 |
| 40 | 913 | -.393 | .077 | -.183 | -.658 |
| 40 | 914 | -.438 | .088 | -.226 | -.822 |
| 40 | 915 | -.432 | .087 | -.235 | -.807 |
| 40 | 916 | -.433 | .086 | -.238 | -.811 |
| 40 | 917 | -.410 | .078 | -.164 | -.736 |
| 40 | 918 | -.396 | .077 | -.120 | -.814 |
| 40 | 919 | -.393 | .075 | -.146 | -.782 |
| 40 | 920 | -.332 | .048 | -.151 | -.566 |
| 40 | 921 | -.329 | .054 | -.140 | -.548 |
| 40 | 922 | -.353 | .056 | -.157 | -.888 |
| 40 | 923 | -.369 | .057 | -.218 | -.851 |
| 40 | 924 | -.376 | .057 | -.238 | -.922 |
| 40 | 925 | -.358 | .054 | -.222 | -.583 |
| 40 | 926 | -.347 | .051 | -.213 | -.578 |
| 40 | 927 | -.329 | .050 | -.132 | -.515 |
| 40 | 928 | -.335 | .049 | -.148 | -.521 |
| 40 | 929 | -.355 | .058 | -.178 | -.578 |
| 40 | 930 | -.391 | .067 | -.142 | -.669 |
| 40 | 931 | -.124 | .094 | .264 | -.402 |
| 40 | 932 | -.336 | .052 | -.160 | -.550 |
| 40 | 933 | -.317 | .095 | .065 | -.746 |
| 40 | 934 | -.531 | .090 | -.090 | -.925 |
| 40 | 935 | -.291 | .074 | -.056 | -.628 |
| 40 | 936 | -.175 | .065 | .043 | -.489 |
| 40 | 937 | -.633 | .124 | -.207 | -1.070 |
| 40 | 938 | -.272 | .108 | -.043 | -.704 |
| 40 | 939 | -.350 | .092 | -.033 | -.613 |
| 40 | 940 | -.727 | .176 | -.218 | -1.381 |
| 40 | 941 | -.605 | .124 | -.220 | -1.031 |
| 40 | 942 | -.370 | .070 | -.139 | -.709 |
| 50 | 101 | .118 | .143 | .502 | -.545 |
| 50 | 102 | .122 | .096 | .403 | -.240 |
| 50 | 103 | .028 | .064 | .240 | -.239 |
| 50 | 104 | -.018 | .058 | .201 | -.190 |
| 50 | 105 | -.117 | .044 | .019 | -.289 |
| 50 | 106 | -.219 | .045 | -.055 | -.385 |
| 50 | 107 | .224 | .151 | .627 | -.286 |
| 50 | 108 | .253 | .113 | .587 | -.191 |
| 50 | 109 | .140 | .076 | .372 | -.078 |
| 50 | 110 | .063 | .063 | .278 | -.112 |
| 50 | 111 | -.080 | .041 | .080 | -.236 |
| 50 | 112 | -.232 | .040 | -.093 | -.352 |
| 50 | 113 | .291 | .168 | .816 | -.232 |
| 50 | 114 | .306 | .152 | .739 | -.277 |
| 50 | 115 | .248 | .086 | .577 | -.010 |
| 50 | 116 | .105 | .063 | .373 | -.088 |
| 50 | 117 | -.079 | .039 | .086 | -.229 |
| 50 | 118 | -.189 | .036 | -.052 | -.303 |
| 50 | 119 | .247 | .173 | .793 | -.448 |
| 50 | 120 | .269 | .162 | .751 | -.355 |
| 50 | 121 | .240 | .082 | .497 | -.005 |
| 50 | 122 | .091 | .058 | .308 | -.071 |
| 50 | 123 | -.118 | .042 | .051 | -.254 |
| 50 | 124 | -.208 | .044 | -.071 | -.343 |
| 50 | 125 | .161 | .175 | .717 | -.442 |
| 50 | 126 | .204 | .154 | .672 | -.326 |
| 50 | 127 | .180 | .070 | .450 | .002 |
| 50 | 128 | .029 | .056 | .300 | -.133 |
| 50 | 129 | -.153 | .042 | .009 | -.285 |
| 50 | 130 | -.252 | .047 | -.098 | -.420 |
| 50 | 131 | -.193 | .043 | .002 | -.358 |
| 50 | 132 | -.280 | .050 | -.106 | -.475 |
| 50 | 133 | .084 | .147 | .624 | -.421 |
| 50 | 134 | .089 | .137 | .472 | -.478 |
| 50 | 135 | .056 | .049 | .303 | -.096 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 136 | -.039 | .034 | .084 | -.174 | 50 | 208 | .017 | .055 | .193 | -.166 | 50 | 258 | -.409 | .080 | -.203 | -.712 |
| 50 | 137 | -.198 | .042 | -.071 | -.392 | 50 | 209 | .196 | .079 | .440 | -.040 | 50 | 259 | -.402 | .078 | -.206 | -.749 |
| 50 | 138 | -.295 | .049 | -.133 | -.478 | 50 | 210 | .299 | .093 | .591 | .010 | 50 | 260 | -.392 | .083 | .158 | -.831 |
| 50 | 139 | -.226 | .039 | -.100 | -.381 | 50 | 211 | .445 | .120 | .893 | .038 | 50 | 261 | -.412 | .087 | -.141 | -.988 |
| 50 | 140 | -.288 | .050 | -.137 | -.534 | 50 | 212 | .481 | .129 | .933 | -.115 | 50 | 262 | -.434 | .094 | -.097 | -1.044 |
| 50 | 141 | -.020 | .124 | .482 | -.403 | 50 | 213 | -.141 | .041 | .010 | -.275 | 50 | 263 | -.433 | .091 | -.179 | -1.014 |
| 50 | 142 | .036 | .103 | .431 | -.375 | 50 | 214 | .038 | .050 | .218 | -.131 | 50 | 264 | -.423 | .088 | -.161 | -.787 |
| 50 | 143 | .016 | .039 | .195 | -.098 | 50 | 215 | .272 | .082 | .558 | .009 | 50 | 265 | -.408 | .088 | -.013 | -.855 |
| 50 | 144 | -.067 | .029 | .041 | -.186 | 50 | 216 | .429 | .110 | .779 | .088 | 50 | 266 | -.397 | .083 | -.163 | -.842 |
| 50 | 145 | -.228 | .041 | -.108 | -.403 | 50 | 217 | .547 | .132 | .930 | .163 | 50 | 267 | -.298 | .116 | .375 | -.720 |
| 50 | 146 | -.298 | .053 | -.138 | -.532 | 50 | 218 | .572 | .138 | .952 | .154 | 50 | 268 | -.365 | .083 | -.095 | -.672 |
| 50 | 147 | .060 | .099 | .405 | -.345 | 50 | 219 | -.128 | .045 | .031 | -.321 | 50 | 269 | -.368 | .086 | -.099 | -.744 |
| 50 | 148 | .102 | .094 | .438 | -.323 | 50 | 220 | .005 | .056 | .228 | -.169 | 50 | 270 | -.199 | .063 | .071 | -.426 |
| 50 | 149 | .078 | .056 | .312 | -.060 | 50 | 221 | .253 | .093 | .590 | -.012 | 50 | 271 | -.006 | .063 | .255 | -.183 |
| 50 | 150 | -.030 | .037 | .115 | -.150 | 50 | 222 | .423 | .117 | .780 | .108 | 50 | 272 | .058 | .088 | .341 | -.244 |
| 50 | 151 | -.200 | .042 | -.065 | -.363 | 50 | 223 | .515 | .138 | .939 | .145 | 50 | 273 | .150 | .111 | .489 | -.547 |
| 50 | 152 | -.276 | .053 | -.111 | -.505 | 50 | 224 | .518 | .141 | .948 | .061 | 50 | 274 | .129 | .113 | .489 | -.455 |
| 50 | 153 | .311 | .115 | .743 | -.020 | 50 | 225 | -.195 | .061 | -.019 | -.468 | 50 | 275 | -.402 | .073 | -.188 | -.703 |
| 50 | 154 | .348 | .119 | .764 | .046 | 50 | 226 | -.021 | .060 | .180 | -.234 | 50 | 276 | -.236 | .050 | -.034 | -.419 |
| 50 | 155 | .289 | .110 | .701 | .021 | 50 | 227 | .215 | .090 | .522 | -.027 | 50 | 277 | .018 | .058 | .285 | -.165 |
| 50 | 156 | .339 | .131 | .866 | .049 | 50 | 228 | .355 | .117 | .718 | .037 | 50 | 278 | .136 | .077 | .397 | -.061 |
| 50 | 157 | -.374 | .077 | -.174 | -.916 | 50 | 229 | .452 | .136 | .858 | .072 | 50 | 279 | .181 | .099 | .510 | -.150 |
| 50 | 158 | -.387 | .075 | -.192 | -.804 | 50 | 230 | .451 | .141 | .854 | -.047 | 50 | 280 | .132 | .113 | .523 | -.429 |
| 50 | 159 | -.397 | .073 | -.233 | -.751 | 50 | 231 | -.219 | .062 | -.037 | -.493 | 50 | 301 | -.339 | .066 | -.117 | -.732 |
| 50 | 160 | -.370 | .055 | -.199 | -.572 | 50 | 232 | -.081 | .059 | .110 | -.266 | 50 | 302 | -.328 | .063 | -.124 | -.642 |
| 50 | 161 | -.369 | .057 | -.203 | -.598 | 50 | 233 | -.260 | .060 | -.067 | -.528 | 50 | 303 | -.321 | .055 | -.109 | -.547 |
| 50 | 162 | -.385 | .059 | -.195 | -.610 | 50 | 234 | -.071 | .055 | .120 | -.250 | 50 | 304 | -.310 | .049 | -.151 | -.480 |
| 50 | 163 | -.375 | .067 | -.182 | -.675 | 50 | 235 | .168 | .080 | .439 | -.059 | 50 | 305 | -.318 | .050 | -.151 | -.473 |
| 50 | 164 | -.394 | .062 | -.210 | -.655 | 50 | 236 | .287 | .108 | .650 | .010 | 50 | 306 | -.311 | .049 | -.148 | -.470 |
| 50 | 165 | -.385 | .064 | -.202 | -.644 | 50 | 237 | .363 | .130 | .758 | .043 | 50 | 307 | -.358 | .065 | -.162 | -.650 |
| 50 | 166 | -.375 | .065 | -.186 | -.642 | 50 | 238 | .365 | .125 | .799 | .001 | 50 | 308 | -.359 | .063 | -.181 | -.625 |
| 50 | 167 | -.378 | .068 | -.205 | -.668 | 50 | 239 | -.204 | .057 | .004 | -.486 | 50 | 309 | -.331 | .055 | -.140 | -.549 |
| 50 | 168 | -.382 | .069 | -.205 | -.679 | 50 | 240 | -.098 | .054 | .100 | -.318 | 50 | 310 | -.332 | .048 | -.192 | -.498 |
| 50 | 169 | -.367 | .071 | -.175 | -.683 | 50 | 241 | -.196 | .062 | -.021 | -.468 | 50 | 311 | -.319 | .046 | -.168 | -.472 |
| 50 | 170 | -.366 | .068 | -.174 | -.654 | 50 | 242 | -.040 | .059 | .230 | -.253 | 50 | 312 | -.316 | .045 | -.181 | -.467 |
| 50 | 171 | -.392 | .072 | -.178 | -.753 | 50 | 243 | .204 | .087 | .565 | -.059 | 50 | 313 | -.355 | .065 | -.175 | -.653 |
| 50 | 172 | -.408 | .075 | -.188 | -.782 | 50 | 244 | .293 | .101 | .623 | .015 | 50 | 314 | -.355 | .061 | -.197 | -.636 |
| 50 | 173 | -.386 | .075 | -.201 | -.741 | 50 | 245 | .261 | .100 | .588 | .019 | 50 | 315 | -.336 | .052 | -.195 | -.560 |
| 50 | 174 | -.374 | .069 | -.174 | -.705 | 50 | 246 | .237 | .091 | .598 | -.076 | 50 | 316 | -.318 | .050 | -.174 | -.559 |
| 50 | 175 | -.343 | .069 | -.150 | -.728 | 50 | 247 | .328 | .117 | .772 | .048 | 50 | 317 | -.311 | .047 | -.146 | -.507 |
| 50 | 176 | -.365 | .075 | .359 | -.744 | 50 | 248 | .298 | .104 | .663 | .046 | 50 | 318 | -.313 | .049 | -.146 | -.512 |
| 50 | 177 | -.358 | .073 | -.110 | -.762 | 50 | 249 | .207 | .085 | .571 | .019 | 50 | 319 | -.338 | .067 | -.124 | -.775 |
| 50 | 178 | -.317 | .085 | .091 | -.702 | 50 | 250 | -.406 | .090 | -.179 | -.848 | 50 | 320 | -.338 | .059 | -.128 | -.680 |
| 50 | 201 | -.107 | .049 | .105 | -.251 | 50 | 251 | -.410 | .095 | -.179 | -.901 | 50 | 321 | -.325 | .046 | -.192 | -.487 |
| 50 | 202 | -.064 | .058 | .235 | -.223 | 50 | 252 | -.416 | .092 | -.184 | -1.034 | 50 | 322 | -.309 | .046 | -.164 | -.480 |
| 50 | 203 | .090 | .075 | .308 | -.141 | 50 | 253 | -.426 | .104 | -.095 | -1.197 | 50 | 323 | -.309 | .048 | -.156 | -.473 |
| 50 | 204 | .135 | .092 | .396 | -.139 | 50 | 254 | -.403 | .099 | -.205 | -1.061 | 50 | 324 | -.314 | .049 | -.153 | -.485 |
| 50 | 205 | .332 | .109 | .617 | -.095 | 50 | 255 | -.428 | .077 | -.224 | -.734 | 50 | 325 | -.353 | .069 | -.122 | -.701 |
| 50 | 206 | .394 | .129 | .766 | -.040 | 50 | 256 | -.436 | .074 | -.222 | -.736 | 50 | 326 | -.345 | .060 | -.152 | -.617 |
| 50 | 207 | -.119 | .041 | .017 | -.268 | 50 | 257 | -.428 | .075 | -.244 | -.694 | 50 | 327 | -.356 | .063 | -.171 | -.760 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 328 | -.356 | .060 | -.183 | -.695 | 50 | 379 | -.450 | .120 | -.170 | -1.681 | 50 | 521 | -.312 | .040 | -.185 | -.438 |
| 50 | 329 | -.355 | .052 | -.207 | -.655 | 50 | 380 | -.416 | .092 | -.035 | -1.081 | 50 | 522 | -.324 | .042 | -.176 | -.449 |
| 50 | 330 | -.348 | .052 | -.215 | -.626 | 50 | 381 | -.411 | .084 | -.059 | -.887 | 50 | 523 | -.331 | .054 | -.091 | -.571 |
| 50 | 331 | -.341 | .055 | -.168 | -.692 | 50 | 382 | -.404 | .091 | -.168 | -1.070 | 50 | 524 | -.322 | .061 | -.067 | -.536 |
| 50 | 332 | -.337 | .054 | -.175 | -.611 | 50 | 383 | -.402 | .084 | -.071 | -.942 | 50 | 525 | -.320 | .057 | -.097 | -.546 |
| 50 | 333 | -.352 | .063 | -.161 | -.647 | 50 | 384 | -.420 | .088 | -.166 | -.963 | 50 | 526 | -.338 | .063 | -.063 | -.646 |
| 50 | 334 | -.347 | .063 | -.166 | -.629 | 50 | 385 | -.434 | .105 | -.165 | -1.282 | 50 | 527 | -.345 | .058 | -.160 | -.599 |
| 50 | 336 | -.392 | .079 | -.185 | -.717 | 50 | 386 | -.415 | .088 | -.158 | -.826 | 50 | 528 | -.334 | .066 | -.111 | -.645 |
| 50 | 337 | -.368 | .071 | -.175 | -.599 | 50 | 387 | -.422 | .086 | -.181 | -1.039 | 50 | 529 | -.339 | .053 | -.202 | -.526 |
| 50 | 338 | -.397 | .080 | -.166 | -.776 | 50 | 388 | -.370 | .088 | -.110 | -.885 | 50 | 530 | -.344 | .053 | -.203 | -.550 |
| 50 | 339 | -.391 | .067 | -.154 | -.616 | 50 | 389 | -.364 | .083 | -.108 | -.715 | 50 | 531 | -.335 | .048 | -.199 | -.514 |
| 50 | 340 | -.419 | .071 | -.163 | -.766 | 50 | 390 | -.392 | .082 | -.037 | -.700 | 50 | 532 | -.332 | .047 | -.192 | -.530 |
| 50 | 341 | -.407 | .070 | -.158 | -.745 | 50 | 391 | -.397 | .092 | -.152 | -.997 | 50 | 533 | -.326 | .047 | -.184 | -.514 |
| 50 | 342 | -.404 | .072 | -.147 | -.735 | 50 | 392 | -.421 | .117 | -.120 | -1.158 | 50 | 534 | -.342 | .050 | -.162 | -.581 |
| 50 | 343 | -.412 | .084 | -.197 | -.860 | 50 | 393 | -.435 | .121 | -.134 | -1.161 | 50 | 535 | -.358 | .055 | -.185 | -.718 |
| 50 | 344 | -.421 | .086 | -.207 | -.847 | 50 | 394 | -.324 | .092 | -.039 | -.979 | 50 | 536 | -.361 | .057 | -.174 | -.562 |
| 50 | 345 | -.405 | .087 | -.153 | -.786 | 50 | 395 | -.320 | .089 | -.081 | -.719 | 50 | 537 | -.383 | .063 | -.192 | -.628 |
| 50 | 346 | -.402 | .087 | -.133 | -.759 | 50 | 396 | -.402 | .093 | -.161 | -.798 | 50 | 538 | -.382 | .063 | -.198 | -.674 |
| 50 | 347 | -.377 | .087 | -.150 | -.930 | 50 | 397 | -.385 | .090 | -.119 | -.720 | 50 | 539 | -.370 | .057 | -.200 | -.593 |
| 50 | 348 | -.368 | .069 | -.148 | -.686 | 50 | 398 | -.411 | .079 | -.182 | -.724 | 50 | 540 | -.379 | .060 | -.215 | -.629 |
| 50 | 349 | -.386 | .072 | -.186 | -.697 | 50 | 399 | -.394 | .081 | -.143 | -.712 | 50 | 541 | -.389 | .060 | -.204 | -.643 |
| 50 | 350 | -.370 | .068 | -.175 | -.675 | 50 | 400 | -.644 | .127 | -.332 | -1.139 | 50 | 542 | -.379 | .059 | -.191 | -.623 |
| 50 | 351 | -.382 | .075 | -.170 | -.776 | 50 | 401 | -.853 | .226 | -.366 | -1.892 | 50 | 543 | -.389 | .069 | -.210 | -.620 |
| 50 | 352 | -.379 | .074 | -.170 | -.662 | 50 | 402 | -.824 | .189 | -.356 | -1.566 | 50 | 544 | -.395 | .069 | -.225 | -.638 |
| 50 | 353 | -.401 | .086 | -.171 | -.947 | 50 | 403 | -.344 | .081 | -.117 | -.634 | 50 | 545 | -.390 | .073 | -.224 | -.700 |
| 50 | 354 | -.394 | .071 | -.175 | -.825 | 50 | 404 | -.320 | .083 | -.074 | -.629 | 50 | 546 | -.382 | .074 | -.206 | -.701 |
| 50 | 355 | -.428 | .100 | -.185 | -1.065 | 50 | 405 | -.307 | .077 | -.004 | -.626 | 50 | 547 | -.373 | .077 | -.178 | -.791 |
| 50 | 356 | -.419 | .085 | -.192 | -.996 | 50 | 406 | -.337 | .110 | -.056 | -.845 | 50 | 548 | -.378 | .078 | -.203 | -.786 |
| 50 | 357 | -.383 | .074 | -.185 | -1.113 | 50 | 407 | -.802 | .183 | -.401 | -1.552 | 50 | 549 | -.385 | .077 | -.192 | -.805 |
| 50 | 358 | -.380 | .077 | -.183 | -.939 | 50 | 408 | -.750 | .160 | -.385 | -1.369 | 50 | 550 | -.381 | .077 | -.186 | -.813 |
| 50 | 359 | -.381 | .077 | -.144 | -.814 | 50 | 501 | -.318 | .054 | -.142 | -.492 | 50 | 551 | -.375 | .071 | -.158 | -.654 |
| 50 | 360 | -.392 | .084 | -.151 | -1.051 | 50 | 502 | -.320 | .052 | -.170 | -.506 | 50 | 552 | -.372 | .069 | -.181 | -.818 |
| 50 | 361 | -.418 | .089 | -.114 | -.921 | 50 | 503 | -.316 | .052 | -.161 | -.505 | 50 | 553 | -.373 | .070 | -.160 | -.690 |
| 50 | 362 | -.411 | .087 | -.117 | -.895 | 50 | 504 | -.319 | .057 | -.127 | -.531 | 50 | 554 | -.363 | .075 | -.126 | -.662 |
| 50 | 363 | -.393 | .078 | -.149 | -.696 | 50 | 505 | -.330 | .064 | -.091 | -.688 | 50 | 555 | -.349 | .062 | -.131 | -.595 |
| 50 | 364 | -.377 | .075 | -.166 | -.674 | 50 | 506 | -.322 | .069 | -.133 | -.795 | 50 | 556 | -.361 | .070 | -.146 | -.712 |
| 50 | 365 | -.414 | .083 | -.137 | -.753 | 50 | 507 | -.298 | .052 | -.137 | -.449 | 50 | 557 | -.369 | .058 | -.207 | -.626 |
| 50 | 366 | -.403 | .073 | -.202 | -.674 | 50 | 508 | -.296 | .051 | -.104 | -.472 | 50 | 558 | -.351 | .058 | -.198 | -.609 |
| 50 | 367 | -.408 | .074 | -.163 | -.654 | 50 | 509 | -.307 | .052 | -.137 | -.470 | 50 | 559 | -.362 | .058 | -.212 | -.612 |
| 50 | 368 | -.422 | .081 | -.192 | -.819 | 50 | 510 | -.311 | .053 | -.161 | -.486 | 50 | 560 | -.373 | .063 | -.191 | -.729 |
| 50 | 369 | -.417 | .076 | -.187 | -.690 | 50 | 511 | -.311 | .059 | -.102 | -.521 | 50 | 561 | -.383 | .074 | -.101 | -.778 |
| 50 | 370 | -.408 | .079 | -.192 | -.776 | 50 | 512 | -.322 | .073 | -.095 | -1.133 | 50 | 562 | -.379 | .084 | -.070 | -.980 |
| 50 | 371 | -.409 | .082 | -.161 | -.830 | 50 | 513 | -.298 | .048 | -.158 | -.457 | 50 | 563 | -.377 | .068 | -.146 | -.629 |
| 50 | 372 | -.391 | .080 | -.182 | -.843 | 50 | 514 | -.314 | .051 | -.152 | -.479 | 50 | 564 | -.382 | .069 | -.142 | -.631 |
| 50 | 373 | -.405 | .086 | -.173 | -.912 | 50 | 515 | -.325 | .052 | -.180 | -.511 | 50 | 565 | -.384 | .062 | -.176 | -.642 |
| 50 | 374 | -.425 | .089 | -.159 | -.868 | 50 | 516 | -.335 | .056 | -.199 | -.554 | 50 | 566 | -.366 | .064 | -.158 | -.643 |
| 50 | 375 | -.420 | .083 | -.156 | -.885 | 50 | 517 | -.340 | .063 | -.173 | -.597 | 50 | 567 | -.366 | .069 | -.104 | -.684 |
| 50 | 376 | -.433 | .086 | -.206 | -.795 | 50 | 518 | -.339 | .059 | -.110 | -.576 | 50 | 568 | -.389 | .081 | -.126 | -.993 |
| 50 | 377 | -.444 | .097 | -.144 | -.950 | 50 | 519 | -.305 | .048 | -.133 | -.483 | 50 | 569 | -.409 | .087 | -.156 | -1.106 |
| 50 | 378 | -.450 | .116 | -.086 | -1.338 | 50 | 520 | -.316 | .044 | -.174 | -.474 | 50 | 570 | -.395 | .076 | -.170 | -1.010 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|
| 50 | 571 | -.391 | .081 | -.143 | -.788 |
| 50 | 572 | -.385 | .067 | -.183 | -.679 |
| 50 | 573 | -.390 | .068 | -.191 | -.663 |
| 50 | 574 | -.388 | .070 | -.185 | -.665 |
| 50 | 575 | -.363 | .068 | -.172 | -.614 |
| 50 | 576 | -.365 | .075 | -.166 | -.818 |
| 50 | 577 | -.403 | .083 | -.174 | -.929 |
| 50 | 578 | -.405 | .082 | -.187 | -.887 |
| 50 | 579 | -.381 | .079 | -.184 | -.762 |
| 50 | 580 | -.387 | .074 | -.173 | -.787 |
| 50 | 581 | -.399 | .079 | -.097 | -.801 |
| 50 | 582 | -.409 | .089 | -.067 | -.909 |
| 50 | 583 | -.383 | .085 | -.164 | -.890 |
| 50 | 584 | -.415 | .100 | -.072 | -1.034 |
| 50 | 585 | -.400 | .078 | -.174 | -.801 |
| 50 | 586 | -.402 | .078 | -.177 | -1.015 |
| 50 | 587 | -.394 | .090 | -.169 | -.983 |
| 50 | 588 | -.390 | .095 | -.202 | -.946 |
| 50 | 589 | -.400 | .101 | -.105 | -.953 |
| 50 | 590 | -.411 | .115 | -.059 | -1.229 |
| 50 | 591 | -.367 | .096 | -.152 | -1.087 |
| 50 | 592 | -.377 | .087 | -.109 | -.897 |
| 50 | 593 | -.372 | .082 | -.105 | -1.017 |
| 50 | 594 | -.372 | .093 | -.121 | -.953 |
| 50 | 595 | -.371 | .123 | -.048 | -1.114 |
| 50 | 596 | -.396 | .144 | -.040 | -1.479 |
| 50 | 597 | -.417 | .095 | -.153 | -.730 |
| 50 | 598 | -.425 | .091 | -.180 | -.768 |
| 50 | 599 | -.392 | .089 | -.126 | -.677 |
| 50 | 600 | -.399 | .093 | -.106 | -.898 |
| 50 | 701 | .158 | .119 | .585 | -.251 |
| 50 | 702 | .402 | .155 | .810 | -.178 |
| 50 | 703 | .455 | .156 | .890 | -.313 |
| 50 | 704 | .348 | .161 | .855 | -.213 |
| 50 | 705 | .235 | .146 | .701 | -.217 |
| 50 | 706 | .075 | .123 | .455 | -.424 |
| 50 | 707 | -.306 | .052 | -.108 | -.492 |
| 50 | 708 | -.307 | .052 | -.136 | -.497 |
| 50 | 709 | -.308 | .054 | -.118 | -.487 |
| 50 | 710 | -.378 | .061 | -.196 | -.632 |
| 50 | 711 | -.372 | .075 | -.170 | -.780 |
| 50 | 712 | -.385 | .065 | -.225 | -.632 |
| 50 | 713 | -.375 | .066 | -.203 | -.629 |
| 50 | 714 | -.373 | .071 | -.168 | -.722 |
| 50 | 715 | -.413 | .080 | -.195 | -.777 |
| 50 | 716 | -.364 | .077 | -.155 | -.767 |
| 50 | 717 | -.327 | .064 | -.118 | -.735 |
| 50 | 718 | -.352 | .069 | -.130 | -.649 |
| 50 | 719 | -.363 | .059 | -.156 | -.740 |
| 50 | 720 | -.364 | .082 | -.041 | -.848 |
| 50 | 721 | -.429 | .105 | -.124 | -1.120 |
| 50 | 722 | -.419 | .098 | -.096 | -1.029 |
| 50 | 723 | -.416 | .109 | -.145 | -1.080 |
| 50 | 724 | -.404 | .148 | -.009 | -1.197 |
| 50 | 725 | -.322 | .047 | -.166 | -.499 |
| 50 | 726 | -.302 | .047 | -.118 | -.492 |
| 50 | 727 | -.349 | .062 | -.180 | -.575 |
| 50 | 728 | -.410 | .085 | -.151 | -.713 |
| 50 | 729 | -.399 | .084 | -.158 | -.889 |
| 50 | 730 | -.405 | .083 | -.137 | -.745 |
| 50 | 731 | -.431 | .078 | -.183 | -.790 |
| 50 | 732 | -.414 | .088 | -.141 | -.745 |
| 50 | 733 | -.424 | .094 | -.174 | -1.144 |
| 50 | 734 | -.412 | .101 | -.086 | -.995 |
| 50 | 735 | -.427 | .099 | -.094 | -.757 |
| 50 | 736 | -.755 | .159 | -.188 | -1.416 |
| 50 | 901 | -.384 | .084 | -.156 | -1.021 |
| 50 | 902 | -.358 | .078 | -.147 | -.924 |
| 50 | 903 | -.389 | .082 | -.146 | -.734 |
| 50 | 904 | -.200 | .076 | .076 | -.478 |
| 50 | 905 | -.290 | .086 | .106 | -.700 |
| 50 | 906 | -.182 | .087 | .073 | -.479 |
| 50 | 907 | -.162 | .067 | .124 | -.490 |
| 50 | 908 | .124 | .073 | .357 | -.119 |
| 50 | 909 | .341 | .138 | .903 | -.099 |
| 50 | 910 | .298 | .121 | .794 | -.148 |
| 50 | 911 | -.368 | .068 | -.041 | -.666 |
| 50 | 912 | -.370 | .069 | -.016 | -.675 |
| 50 | 913 | -.374 | .073 | -.209 | -1.051 |
| 50 | 914 | -.424 | .093 | -.205 | -1.309 |
| 50 | 915 | -.417 | .092 | -.207 | -1.282 |
| 50 | 916 | -.424 | .090 | -.227 | -1.262 |
| 50 | 917 | -.387 | .091 | -.158 | -.982 |
| 50 | 918 | -.372 | .089 | .038 | -.795 |
| 50 | 919 | -.367 | .085 | .097 | -.797 |
| 50 | 920 | -.322 | .046 | -.151 | -.517 |
| 50 | 921 | -.327 | .048 | -.189 | -.566 |
| 50 | 922 | -.338 | .046 | -.173 | -.536 |
| 50 | 923 | -.363 | .051 | -.226 | -.666 |
| 50 | 924 | -.375 | .052 | -.239 | -.618 |
| 50 | 925 | -.361 | .055 | -.200 | -.650 |
| 50 | 926 | -.358 | .058 | -.210 | -.635 |
| 50 | 927 | -.337 | .056 | -.177 | -.602 |
| 50 | 928 | -.345 | .055 | -.195 | -.616 |
| 50 | 929 | -.349 | .053 | -.160 | -.522 |
| 50 | 930 | -.407 | .071 | -.123 | -.648 |
| 50 | 931 | -.174 | .054 | -.006 | -.419 |
| 50 | 932 | -.362 | .054 | -.188 | -.557 |
| 50 | 933 | -.079 | .094 | .209 | -.475 |
| 50 | 934 | -.490 | .083 | -.200 | -.822 |
| 50 | 935 | -.242 | .053 | -.078 | -.511 |
| 50 | 936 | -.313 | .116 | -.013 | -.807 |
| 50 | 937 | -.618 | .118 | -.158 | -1.016 |
| 50 | 938 | -.486 | .119 | -.106 | -.805 |
| 50 | 939 | -.422 | .077 | -.113 | -.716 |
| 50 | 940 | -.721 | .173 | -.326 | -1.481 |
| 50 | 941 | -.574 | .113 | -.241 | -.994 |
| 50 | 942 | -.417 | .070 | -.161 | -.961 |
| 60 | 101 | -.260 | .173 | .213 | -.979 |
| 60 | 102 | -.090 | .108 | .206 | -.551 |
| 60 | 103 | -.064 | .054 | .100 | -.227 |
| 60 | 104 | -.088 | .044 | .057 | -.238 |
| 60 | 105 | -.162 | .039 | -.037 | -.289 |
| 60 | 106 | -.235 | .039 | -.072 | -.365 |
| 60 | 107 | -.189 | .171 | .333 | -.814 |
| 60 | 108 | -.081 | .138 | .328 | -.549 |
| 60 | 109 | .013 | .057 | .220 | -.174 |
| 60 | 110 | -.037 | .046 | .162 | -.184 |
| 60 | 111 | -.134 | .037 | .057 | -.259 |
| 60 | 112 | -.248 | .042 | -.108 | -.393 |
| 60 | 113 | -.136 | .173 | .431 | -.637 |
| 60 | 114 | -.125 | .190 | .473 | -.676 |
| 60 | 115 | .103 | .068 | .337 | -.179 |
| 60 | 116 | -.000 | .045 | .164 | -.149 |
| 60 | 117 | -.126 | .033 | -.003 | -.283 |
| 60 | 118 | -.205 | .035 | -.061 | -.321 |
| 60 | 119 | -.112 | .199 | .515 | -.966 |
| 60 | 120 | -.099 | .209 | .507 | -.970 |
| 60 | 121 | .096 | .060 | .354 | -.184 |
| 60 | 122 | -.014 | .040 | .162 | -.169 |
| 60 | 123 | -.160 | .033 | -.025 | -.274 |
| 60 | 124 | -.233 | .038 | -.112 | -.348 |
| 60 | 125 | -.146 | .203 | .434 | -.895 |
| 60 | 126 | -.094 | .218 | .456 | -.826 |
| 60 | 127 | .066 | .058 | .274 | -.231 |
| 60 | 128 | -.035 | .046 | .171 | -.169 |
| 60 | 129 | -.186 | .036 | -.050 | -.319 |
| 60 | 130 | -.262 | .041 | -.136 | -.406 |
| 60 | 131 | -.210 | .039 | -.067 | -.337 |
| 60 | 132 | -.279 | .047 | -.102 | -.438 |
| 60 | 133 | -.650 | .184 | .476 | -.688 |
| 60 | 134 | -.042 | .187 | .411 | -.754 |
| 60 | 135 | -.003 | .054 | .201 | -.176 |
| 60 | 136 | -.081 | .037 | .050 | -.219 |
| 60 | 137 | -.225 | .041 | -.119 | -.411 |
| 60 | 138 | -.293 | .048 | -.112 | -.521 |
| 60 | 139 | -.241 | .042 | -.072 | -.443 |
| 60 | 140 | -.293 | .052 | -.107 | -.547 |
| 60 | 141 | -.015 | .178 | .433 | -.605 |
| 60 | 142 | .025 | .154 | .401 | -.593 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60 | 143 | -.003 | .055 | .220 | -.217 | 60 | 215 | .392 | .108 | .760 | .067 | 60 | 265 | -.370 | .112 | .216 | -.890 |
| 60 | 144 | -.113 | .034 | .009 | -.238 | 60 | 216 | .538 | .127 | .945 | .133 | 60 | 266 | -.389 | .094 | -.119 | -.926 |
| 60 | 145 | -.237 | .044 | -.090 | -.431 | 60 | 217 | .578 | .129 | .944 | .182 | 60 | 267 | -.165 | .194 | .514 | -.697 |
| 60 | 146 | -.293 | .056 | -.144 | -.549 | 60 | 218 | .508 | .127 | .956 | .098 | 60 | 268 | -.303 | .123 | .200 | -.809 |
| 60 | 147 | .064 | .126 | .493 | -.466 | 60 | 219 | -.081 | .057 | .114 | -.274 | 60 | 269 | -.342 | .097 | -.025 | -.743 |
| 60 | 148 | .087 | .113 | .429 | -.460 | 60 | 220 | .073 | .076 | .356 | -.132 | 60 | 270 | -.187 | .074 | .093 | -.463 |
| 60 | 149 | .049 | .054 | .291 | -.121 | 60 | 221 | .353 | .107 | .679 | .069 | 60 | 271 | -.012 | .062 | .302 | -.204 |
| 60 | 150 | -.080 | .038 | .094 | -.219 | 60 | 222 | .503 | .121 | .843 | .177 | 60 | 272 | .029 | .073 | .396 | -.232 |
| 60 | 151 | -.219 | .044 | -.080 | -.382 | 60 | 223 | .525 | .131 | .943 | .196 | 60 | 273 | .076 | .116 | .425 | -.495 |
| 60 | 152 | -.282 | .052 | -.132 | -.556 | 60 | 224 | .456 | .134 | .898 | .068 | 60 | 274 | .055 | .112 | .417 | -.483 |
| 60 | 153 | .243 | .110 | .625 | -.269 | 60 | 225 | -.207 | .071 | .012 | -.441 | 60 | 275 | -.350 | .077 | -.087 | -.646 |
| 60 | 154 | .292 | .118 | .690 | -.253 | 60 | 226 | .017 | .069 | .250 | -.197 | 60 | 276 | -.205 | .052 | .034 | -.379 |
| 60 | 155 | .251 | .085 | .588 | .043 | 60 | 227 | .285 | .100 | .650 | .059 | 60 | 277 | .020 | .052 | .245 | -.141 |
| 60 | 156 | .296 | .108 | .741 | .074 | 60 | 228 | .420 | .120 | .805 | .133 | 60 | 278 | .119 | .065 | .388 | -.051 |
| 60 | 157 | -.364 | .070 | -.175 | -.693 | 60 | 229 | .468 | .126 | .858 | .155 | 60 | 279 | .155 | .081 | .485 | -.185 |
| 60 | 158 | -.356 | .065 | -.201 | -.630 | 60 | 230 | .446 | .130 | .817 | .091 | 60 | 280 | .130 | .090 | .574 | -.174 |
| 60 | 159 | -.357 | .067 | -.189 | -.714 | 60 | 231 | -.253 | .082 | -.003 | -.599 | 60 | 301 | -.353 | .072 | -.145 | -.700 |
| 60 | 160 | -.334 | .055 | -.178 | -.610 | 60 | 232 | -.077 | .076 | .256 | -.317 | 60 | 302 | -.355 | .074 | -.127 | -.731 |
| 60 | 161 | -.341 | .057 | -.190 | -.654 | 60 | 233 | -.286 | .069 | -.010 | -.566 | 60 | 303 | -.345 | .062 | -.118 | -.687 |
| 60 | 162 | -.349 | .064 | -.179 | -.622 | 60 | 234 | -.068 | .066 | .211 | -.246 | 60 | 304 | -.341 | .055 | -.149 | -.564 |
| 60 | 163 | -.354 | .061 | -.184 | -.616 | 60 | 235 | .178 | .082 | .526 | -.045 | 60 | 305 | -.342 | .054 | -.182 | -.568 |
| 60 | 164 | -.355 | .066 | -.181 | -.638 | 60 | 236 | .295 | .094 | .623 | .050 | 60 | 306 | -.336 | .053 | -.178 | -.561 |
| 60 | 165 | -.353 | .073 | -.168 | -.689 | 60 | 237 | .349 | .111 | .694 | .054 | 60 | 307 | -.368 | .072 | -.164 | -.749 |
| 60 | 166 | -.356 | .075 | -.168 | -.702 | 60 | 238 | .338 | .111 | .763 | .050 | 60 | 308 | -.366 | .068 | -.152 | -.691 |
| 60 | 167 | -.361 | .071 | -.189 | -.664 | 60 | 239 | -.225 | .064 | .037 | -.440 | 60 | 309 | -.327 | .055 | -.130 | -.497 |
| 60 | 168 | -.364 | .073 | -.189 | -.724 | 60 | 240 | -.111 | .064 | .183 | -.295 | 60 | 310 | -.336 | .051 | -.182 | -.522 |
| 60 | 169 | -.350 | .073 | -.161 | -.706 | 60 | 241 | -.219 | .069 | .071 | -.470 | 60 | 311 | -.321 | .050 | -.185 | -.512 |
| 60 | 170 | -.343 | .070 | -.170 | -.695 | 60 | 242 | -.021 | .067 | .238 | -.307 | 60 | 312 | -.317 | .048 | -.178 | -.493 |
| 60 | 171 | -.370 | .074 | -.189 | -.746 | 60 | 243 | .221 | .100 | .638 | -.015 | 60 | 313 | -.378 | .075 | -.208 | -.765 |
| 60 | 172 | -.383 | .075 | -.183 | -.733 | 60 | 244 | .262 | .092 | .713 | .070 | 60 | 314 | -.375 | .071 | -.192 | -.760 |
| 60 | 173 | -.370 | .070 | -.174 | -.665 | 60 | 245 | .215 | .089 | .549 | .000 | 60 | 315 | -.336 | .052 | -.183 | -.575 |
| 60 | 174 | -.362 | .076 | -.171 | -.686 | 60 | 246 | .197 | .086 | .587 | -.046 | 60 | 316 | -.312 | .049 | -.176 | -.485 |
| 60 | 175 | -.340 | .070 | -.114 | -.669 | 60 | 247 | .301 | .100 | .782 | .059 | 60 | 317 | -.306 | .047 | -.188 | -.474 |
| 60 | 176 | -.373 | .079 | -.077 | -.763 | 60 | 248 | .232 | .083 | .625 | -.008 | 60 | 318 | -.312 | .048 | -.182 | -.477 |
| 60 | 177 | -.365 | .077 | -.065 | -.755 | 60 | 249 | .172 | .072 | .556 | -.054 | 60 | 319 | -.381 | .082 | -.142 | -.806 |
| 60 | 178 | -.337 | .083 | .012 | -.880 | 60 | 250 | -.483 | .106 | .047 | -.866 | 60 | 320 | -.377 | .073 | -.168 | -.787 |
| 60 | 201 | -.046 | .054 | .113 | -.237 | 60 | 251 | -.548 | .132 | -.198 | -1.120 | 60 | 321 | -.341 | .050 | -.180 | -.514 |
| 60 | 202 | .031 | .072 | .252 | -.166 | 60 | 252 | -.556 | .131 | -.221 | -1.057 | 60 | 322 | -.317 | .048 | -.140 | -.471 |
| 60 | 203 | .174 | .085 | .439 | -.092 | 60 | 253 | -.523 | .150 | .103 | -1.296 | 60 | 323 | -.309 | .051 | -.117 | -.572 |
| 60 | 204 | .238 | .101 | .575 | -.085 | 60 | 254 | -.542 | .127 | -.197 | -1.201 | 60 | 324 | -.315 | .053 | -.121 | -.573 |
| 60 | 205 | .381 | .119 | .700 | -.020 | 60 | 255 | -.492 | .087 | -.177 | -.902 | 60 | 325 | -.394 | .096 | -.144 | -1.158 |
| 60 | 206 | .447 | .111 | .865 | .079 | 60 | 256 | -.493 | .092 | -.225 | -.868 | 60 | 326 | -.377 | .084 | -.144 | -1.036 |
| 60 | 207 | -.069 | .051 | .104 | -.244 | 60 | 257 | -.498 | .084 | -.235 | -.895 | 60 | 327 | -.392 | .077 | -.193 | -.921 |
| 60 | 208 | .107 | .071 | .343 | -.143 | 60 | 258 | -.435 | .100 | .034 | -.902 | 60 | 328 | -.392 | .072 | -.202 | -.750 |
| 60 | 209 | .303 | .094 | .586 | -.032 | 60 | 259 | -.432 | .091 | -.140 | -.889 | 60 | 329 | -.377 | .067 | -.215 | -.985 |
| 60 | 210 | .410 | .109 | .726 | .098 | 60 | 260 | -.353 | .123 | .278 | -.804 | 60 | 330 | -.370 | .063 | -.212 | -.774 |
| 60 | 211 | .516 | .128 | .879 | .141 | 60 | 261 | -.423 | .092 | -.143 | -.849 | 60 | 331 | -.361 | .065 | -.193 | -.931 |
| 60 | 212 | .500 | .127 | .870 | .133 | 60 | 262 | -.411 | .124 | .134 | -.882 | 60 | 332 | -.352 | .061 | -.175 | -.841 |
| 60 | 213 | -.076 | .049 | .125 | -.240 | 60 | 263 | -.418 | .110 | .141 | -.915 | 60 | 333 | -.400 | .072 | -.202 | -.739 |
| 60 | 214 | .134 | .069 | .379 | -.099 | 60 | 264 | -.418 | .094 | -.159 | -.897 | 60 | 334 | -.392 | .072 | -.190 | -.716 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60 | 336 | -.451 | .097 | -.214 | -.890 | 60 | 386 | -.455 | .097 | -.175 | -.850 | 60 | 528 | -.320 | .063 | -.093 | -.650 |
| 60 | 337 | -.417 | .082 | -.210 | -.848 | 60 | 387 | -.481 | .116 | -.208 | -1.273 | 60 | 529 | -.310 | .050 | -.153 | -.501 |
| 60 | 338 | -.442 | .094 | -.219 | -.879 | 60 | 388 | -.370 | .092 | -.077 | -.751 | 60 | 530 | -.321 | .051 | -.167 | -.509 |
| 60 | 339 | -.470 | .086 | -.218 | -.887 | 60 | 389 | -.360 | .088 | -.092 | -.782 | 60 | 531 | -.316 | .043 | -.182 | -.433 |
| 60 | 340 | -.464 | .078 | -.177 | -.775 | 60 | 390 | -.392 | .089 | -.107 | -.693 | 60 | 532 | -.308 | .045 | -.176 | -.473 |
| 60 | 341 | -.459 | .077 | -.193 | -.746 | 60 | 391 | -.398 | .090 | -.163 | -.792 | 60 | 533 | -.308 | .046 | -.131 | -.472 |
| 60 | 342 | -.453 | .078 | -.180 | -.745 | 60 | 392 | -.462 | .117 | -.153 | -.978 | 60 | 534 | -.334 | .055 | -.145 | -.563 |
| 60 | 343 | -.422 | .082 | -.174 | -.740 | 60 | 393 | -.482 | .131 | -.153 | -1.265 | 60 | 535 | -.356 | .056 | -.182 | -.675 |
| 60 | 344 | -.433 | .083 | -.165 | -.760 | 60 | 394 | -.323 | .092 | -.032 | -.689 | 60 | 536 | -.341 | .052 | -.165 | -.521 |
| 60 | 345 | -.415 | .085 | -.178 | -.751 | 60 | 395 | -.312 | .093 | -.029 | -.658 | 60 | 537 | -.356 | .058 | -.183 | -.574 |
| 60 | 346 | -.408 | .085 | -.142 | -.716 | 60 | 396 | -.387 | .101 | -.101 | -.729 | 60 | 538 | -.351 | .056 | -.194 | -.564 |
| 60 | 347 | -.418 | .099 | -.119 | -.979 | 60 | 397 | -.386 | .083 | -.131 | -.688 | 60 | 539 | -.336 | .055 | -.185 | -.645 |
| 60 | 348 | -.404 | .089 | -.180 | -.921 | 60 | 398 | -.381 | .083 | -.138 | -.664 | 60 | 540 | -.352 | .062 | -.192 | -.670 |
| 60 | 349 | -.413 | .084 | -.162 | -.786 | 60 | 399 | -.371 | .070 | -.120 | -.675 | 60 | 541 | -.358 | .062 | -.186 | -.693 |
| 60 | 350 | -.395 | .074 | -.191 | -.674 | 60 | 400 | -.613 | .113 | -.336 | -1.029 | 60 | 542 | -.347 | .061 | -.182 | -.701 |
| 60 | 351 | -.411 | .081 | -.165 | -.780 | 60 | 401 | -.862 | .223 | -.379 | -1.906 | 60 | 543 | -.358 | .066 | -.178 | -.711 |
| 60 | 352 | -.411 | .081 | -.168 | -.797 | 60 | 402 | -.778 | .179 | -.329 | -1.630 | 60 | 544 | -.371 | .066 | -.187 | -.744 |
| 60 | 353 | -.456 | .118 | -.194 | -1.194 | 60 | 403 | -.334 | .075 | -.098 | -.696 | 60 | 545 | -.369 | .069 | -.173 | -.732 |
| 60 | 354 | -.438 | .099 | -.216 | -1.066 | 60 | 404 | -.305 | .072 | -.065 | -.604 | 60 | 546 | -.358 | .069 | -.167 | -.705 |
| 60 | 355 | -.472 | .132 | -.084 | -1.248 | 60 | 405 | -.296 | .058 | -.045 | -.506 | 60 | 547 | -.344 | .071 | -.148 | -.792 |
| 60 | 356 | -.462 | .114 | -.170 | -.978 | 60 | 406 | -.213 | .074 | -.003 | -.566 | 60 | 548 | -.354 | .072 | -.165 | -.786 |
| 60 | 357 | -.422 | .088 | -.149 | -1.230 | 60 | 407 | -.781 | .181 | -.366 | -1.529 | 60 | 549 | -.358 | .066 | -.163 | -.623 |
| 60 | 358 | -.410 | .085 | -.136 | -1.215 | 60 | 408 | -.690 | .148 | -.341 | -1.303 | 60 | 550 | -.330 | .066 | -.119 | -.595 |
| 60 | 359 | -.438 | .105 | -.175 | -1.133 | 60 | 501 | -.304 | .053 | -.120 | -.495 | 60 | 551 | -.329 | .065 | -.143 | -.638 |
| 60 | 360 | -.467 | .131 | -.187 | -1.287 | 60 | 502 | -.293 | .050 | -.116 | -.460 | 60 | 552 | -.341 | .063 | -.190 | -.690 |
| 60 | 361 | -.446 | .103 | -.194 | -1.060 | 60 | 503 | -.291 | .050 | -.102 | -.475 | 60 | 553 | -.346 | .065 | -.126 | -.609 |
| 60 | 362 | -.445 | .100 | -.204 | -.968 | 60 | 504 | -.298 | .067 | -.114 | -.884 | 60 | 554 | -.329 | .070 | -.095 | -.650 |
| 60 | 363 | -.418 | .087 | -.143 | -.850 | 60 | 505 | -.335 | .068 | -.120 | -.992 | 60 | 555 | -.338 | .066 | -.136 | -.701 |
| 60 | 364 | -.400 | .086 | -.141 | -.973 | 60 | 506 | -.330 | .063 | -.127 | -.763 | 60 | 556 | -.357 | .075 | -.095 | -.771 |
| 60 | 365 | -.427 | .091 | -.140 | -.902 | 60 | 507 | -.279 | .049 | -.123 | -.461 | 60 | 557 | -.343 | .058 | -.195 | -.651 |
| 60 | 366 | -.425 | .086 | -.180 | -.895 | 60 | 508 | -.272 | .050 | -.107 | -.469 | 60 | 558 | -.314 | .057 | -.165 | -.612 |
| 60 | 367 | -.433 | .088 | -.158 | -.866 | 60 | 509 | -.285 | .050 | -.109 | -.455 | 60 | 559 | -.343 | .056 | -.187 | -.601 |
| 60 | 368 | -.428 | .094 | -.162 | -.836 | 60 | 510 | -.290 | .051 | -.089 | -.531 | 60 | 560 | -.353 | .060 | -.182 | -.638 |
| 60 | 369 | -.435 | .087 | -.165 | -.824 | 60 | 511 | -.301 | .060 | -.112 | -.705 | 60 | 561 | -.365 | .070 | -.134 | -.735 |
| 60 | 370 | -.395 | .090 | -.144 | -.835 | 60 | 512 | -.322 | .065 | -.120 | -.588 | 60 | 562 | -.353 | .076 | -.107 | -.732 |
| 60 | 371 | -.412 | .099 | -.155 | -1.002 | 60 | 513 | -.283 | .042 | -.151 | -.426 | 60 | 563 | -.352 | .068 | -.168 | -.758 |
| 60 | 372 | -.327 | .105 | .086 | -.828 | 60 | 514 | -.292 | .047 | -.144 | -.464 | 60 | 564 | -.359 | .069 | -.177 | -.749 |
| 60 | 373 | -.396 | .108 | -.114 | -.831 | 60 | 515 | -.302 | .048 | -.162 | -.465 | 60 | 565 | -.359 | .065 | -.186 | -.628 |
| 60 | 374 | -.454 | .097 | -.177 | -.897 | 60 | 516 | -.308 | .048 | -.143 | -.477 | 60 | 566 | -.354 | .064 | -.191 | -.722 |
| 60 | 375 | -.452 | .095 | -.184 | -.971 | 60 | 517 | -.316 | .052 | -.148 | -.500 | 60 | 567 | -.345 | .069 | -.134 | -.681 |
| 60 | 376 | -.472 | .107 | -.072 | -.980 | 60 | 518 | -.324 | .057 | -.120 | -.524 | 60 | 568 | -.401 | .078 | -.178 | -.831 |
| 60 | 377 | -.496 | .110 | -.199 | -1.065 | 60 | 519 | -.287 | .049 | -.121 | -.470 | 60 | 569 | -.423 | .086 | -.165 | -1.095 |
| 60 | 378 | -.508 | .116 | -.189 | -1.115 | 60 | 520 | -.307 | .041 | -.133 | -.467 | 60 | 570 | -.374 | .065 | -.176 | -.656 |
| 60 | 379 | -.543 | .156 | -.182 | -1.405 | 60 | 521 | -.291 | .043 | -.158 | -.488 | 60 | 571 | -.351 | .071 | -.146 | -.648 |
| 60 | 380 | -.443 | .111 | -.131 | -.980 | 60 | 522 | -.300 | .046 | -.120 | -.489 | 60 | 572 | -.361 | .072 | -.155 | -.853 |
| 60 | 381 | -.441 | .107 | -.150 | -.967 | 60 | 523 | -.313 | .056 | -.077 | -.554 | 60 | 573 | -.370 | .073 | -.167 | -.905 |
| 60 | 382 | -.414 | .098 | -.119 | -1.000 | 60 | 524 | -.297 | .061 | -.069 | -.581 | 60 | 574 | -.371 | .079 | -.163 | -1.106 |
| 60 | 383 | -.395 | .094 | -.127 | -.723 | 60 | 525 | -.313 | .056 | -.119 | -.577 | 60 | 575 | -.337 | .073 | -.148 | -.653 |
| 60 | 384 | -.426 | .102 | -.194 | -.958 | 60 | 526 | -.335 | .064 | -.120 | -.645 | 60 | 576 | -.348 | .077 | -.133 | -.760 |
| 60 | 385 | -.437 | .097 | -.204 | -1.045 | 60 | 527 | -.335 | .060 | -.166 | -.656 | 60 | 577 | -.368 | .072 | -.167 | -.789 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60 | 578 | -.367 | .071 | -.171 | -.740 | 60 | 728 | -.470 | .080 | -.243 | -.831 | 60 | 942 | -.431 | .071 | -.202 | -.875 |
| 60 | 579 | -.347 | .073 | -.172 | -.746 | 60 | 729 | -.418 | .085 | -.193 | -.777 | 70 | 101 | -.642 | .195 | -.070 | -1.558 |
| 60 | 580 | -.378 | .068 | -.197 | -.716 | 60 | 730 | -.454 | .088 | -.148 | -.942 | 70 | 102 | -.413 | .163 | .002 | -1.010 |
| 60 | 581 | -.404 | .081 | -.061 | -.888 | 60 | 731 | -.455 | .082 | -.192 | -.756 | 70 | 103 | -.185 | .054 | -.033 | -.454 |
| 60 | 582 | -.413 | .087 | -.116 | -.886 | 60 | 732 | -.375 | .110 | -.055 | -.844 | 70 | 104 | -.147 | .040 | -.004 | -.313 |
| 60 | 583 | -.371 | .084 | -.115 | -.900 | 60 | 733 | -.497 | .110 | -.131 | -.993 | 70 | 105 | -.191 | .038 | -.067 | -.327 |
| 60 | 584 | -.387 | .098 | -.082 | -.951 | 60 | 734 | -.450 | .107 | -.172 | -.902 | 70 | 106 | -.251 | .044 | -.098 | -.403 |
| 60 | 585 | -.364 | .087 | -.103 | -1.053 | 60 | 735 | -.412 | .099 | -.117 | -.889 | 70 | 107 | -.712 | .244 | -.023 | -1.641 |
| 60 | 586 | -.362 | .086 | -.139 | -1.004 | 60 | 736 | -.701 | .159 | -.359 | -1.385 | 70 | 108 | -.482 | .229 | .088 | -1.361 |
| 60 | 587 | -.342 | .096 | -.131 | -1.027 | 60 | 901 | -.353 | .086 | -.046 | -1.004 | 70 | 109 | -.131 | .064 | .087 | -.523 |
| 60 | 588 | -.364 | .091 | -.153 | -.807 | 60 | 902 | -.310 | .078 | -.051 | -.929 | 70 | 110 | -.126 | .042 | .047 | -.412 |
| 60 | 589 | -.386 | .106 | -.051 | -.841 | 60 | 903 | -.383 | .080 | -.120 | -.713 | 70 | 111 | -.181 | .036 | -.040 | -.322 |
| 60 | 590 | -.395 | .114 | .010 | -.953 | 60 | 904 | -.174 | .074 | .156 | -.412 | 70 | 112 | -.254 | .044 | -.087 | -.416 |
| 60 | 591 | -.321 | .085 | -.069 | -.732 | 60 | 905 | -.247 | .091 | .085 | -.553 | 70 | 113 | -.487 | .162 | .308 | -1.078 |
| 60 | 592 | -.345 | .085 | -.146 | -.772 | 60 | 906 | -.164 | .070 | .117 | -.507 | 70 | 114 | -.502 | .172 | .329 | -1.054 |
| 60 | 593 | -.364 | .100 | -.098 | -.972 | 60 | 907 | -.140 | .059 | .109 | -.420 | 70 | 115 | -.159 | .165 | .205 | -.960 |
| 60 | 594 | -.358 | .100 | -.054 | -.967 | 60 | 908 | .146 | .090 | .563 | -.054 | 70 | 116 | -.093 | .041 | .081 | -.370 |
| 60 | 595 | -.368 | .126 | .130 | -.876 | 60 | 909 | .320 | .150 | .899 | -.111 | 70 | 117 | -.165 | .034 | -.053 | -.300 |
| 60 | 596 | -.397 | .137 | -.044 | -1.108 | 60 | 910 | .274 | .131 | .776 | -.142 | 70 | 118 | -.220 | .038 | -.102 | -.465 |
| 60 | 597 | -.421 | .106 | -.093 | -.776 | 60 | 911 | -.349 | .059 | -.174 | -.574 | 70 | 119 | -.522 | .178 | .051 | -1.514 |
| 60 | 598 | -.421 | .098 | -.093 | -.746 | 60 | 912 | -.347 | .062 | -.179 | -.586 | 70 | 120 | -.529 | .182 | .086 | -1.496 |
| 60 | 599 | -.372 | .093 | -.018 | -.717 | 60 | 913 | -.362 | .070 | -.172 | -.686 | 70 | 121 | -.169 | .173 | .152 | -1.060 |
| 60 | 600 | -.386 | .091 | -.086 | -.757 | 60 | 914 | -.401 | .093 | -.031 | -.907 | 70 | 122 | -.107 | .046 | .044 | -.535 |
| 60 | 701 | .116 | .098 | .671 | -.285 | 60 | 915 | -.402 | .088 | -.140 | -.882 | 70 | 123 | -.195 | .037 | -.058 | -.394 |
| 60 | 702 | -.107 | .272 | .594 | -1.011 | 60 | 916 | -.401 | .085 | -.191 | -.837 | 70 | 124 | -.241 | .043 | -.099 | -.467 |
| 60 | 703 | .073 | .244 | .691 | -.801 | 60 | 917 | -.389 | .090 | -.010 | -.772 | 70 | 125 | -.482 | .183 | .146 | -1.179 |
| 60 | 704 | .060 | .220 | .632 | -.877 | 60 | 918 | -.347 | .118 | .281 | -.680 | 70 | 126 | -.471 | .199 | .171 | -1.205 |
| 60 | 705 | .122 | .193 | .699 | -.666 | 60 | 919 | -.353 | .111 | .270 | -.650 | 70 | 127 | -.122 | .144 | .142 | -.975 |
| 60 | 706 | .039 | .154 | .495 | -.739 | 60 | 920 | -.306 | .042 | -.191 | -.444 | 70 | 128 | -.113 | .046 | .035 | -.520 |
| 60 | 707 | -.280 | .053 | -.070 | -.472 | 60 | 921 | -.312 | .044 | -.177 | -.495 | 70 | 129 | -.210 | .038 | -.096 | -.388 |
| 60 | 708 | -.290 | .048 | -.132 | -.443 | 60 | 922 | -.328 | .044 | -.190 | -.469 | 70 | 130 | -.261 | .042 | -.108 | -.402 |
| 60 | 709 | -.306 | .046 | -.153 | -.467 | 60 | 923 | -.372 | .062 | -.209 | -.897 | 70 | 131 | -.226 | .041 | -.090 | -.440 |
| 60 | 710 | -.352 | .058 | -.127 | -.606 | 60 | 924 | -.369 | .061 | -.210 | -.856 | 70 | 132 | -.274 | .048 | -.133 | -.510 |
| 60 | 711 | -.354 | .070 | -.170 | -.806 | 60 | 925 | -.351 | .054 | -.194 | -.733 | 70 | 133 | -.393 | .193 | .258 | -1.233 |
| 60 | 712 | -.350 | .061 | -.171 | -.601 | 60 | 926 | -.369 | .063 | -.197 | -.756 | 70 | 134 | -.357 | .228 | .217 | -1.190 |
| 60 | 713 | -.356 | .060 | -.180 | -.554 | 60 | 927 | -.347 | .062 | -.145 | -.682 | 70 | 135 | -.107 | .079 | .069 | -.745 |
| 60 | 714 | -.369 | .076 | -.117 | -.877 | 60 | 928 | -.345 | .061 | -.142 | -.608 | 70 | 136 | -.118 | .036 | -.007 | -.277 |
| 60 | 715 | -.388 | .072 | -.183 | -1.025 | 60 | 929 | -.361 | .056 | -.152 | -.551 | 70 | 137 | -.233 | .045 | -.086 | -.467 |
| 60 | 716 | -.357 | .083 | -.061 | -.816 | 60 | 930 | -.389 | .069 | -.128 | -.650 | 70 | 138 | -.275 | .056 | -.135 | -.533 |
| 60 | 717 | -.359 | .075 | -.070 | -.702 | 60 | 931 | -.215 | .076 | .028 | -.480 | 70 | 139 | -.235 | .050 | -.103 | -.461 |
| 60 | 718 | -.372 | .082 | -.128 | -.890 | 60 | 932 | -.349 | .056 | -.147 | -.557 | 70 | 140 | -.279 | .064 | -.130 | -.575 |
| 60 | 719 | -.370 | .075 | -.149 | -1.083 | 60 | 933 | -.163 | .108 | .186 | -.500 | 70 | 141 | -.226 | .159 | .347 | -.928 |
| 60 | 720 | -.394 | .109 | -.144 | -1.139 | 60 | 934 | -.441 | .077 | -.091 | -.761 | 70 | 142 | -.183 | .161 | .321 | -.847 |
| 60 | 721 | -.441 | .098 | -.231 | -1.226 | 60 | 935 | -.368 | .093 | -.115 | -.650 | 70 | 143 | -.079 | .059 | .106 | -.479 |
| 60 | 722 | -.434 | .101 | -.175 | -.874 | 60 | 936 | -.438 | .105 | -.089 | -.890 | 70 | 144 | -.133 | .036 | -.022 | -.329 |
| 60 | 723 | -.422 | .103 | -.122 | -1.079 | 60 | 937 | -.468 | .103 | -.145 | -.823 | 70 | 145 | -.237 | .050 | -.095 | -.478 |
| 60 | 724 | -.432 | .148 | -.040 | -1.073 | 60 | 938 | -.485 | .090 | -.182 | -.940 | 70 | 146 | -.281 | .063 | -.126 | -.583 |
| 60 | 725 | -.325 | .050 | -.178 | -.520 | 60 | 939 | -.421 | .078 | -.120 | -.751 | 70 | 147 | -.138 | .138 | .367 | -.920 |
| 60 | 726 | -.305 | .048 | -.185 | -.483 | 60 | 940 | -.506 | .136 | -.235 | -1.029 | 70 | 148 | -.112 | .138 | .379 | -.852 |
| 60 | 727 | -.375 | .071 | -.186 | -.828 | 60 | 941 | -.461 | .079 | -.248 | -.806 | 70 | 149 | -.032 | .056 | .228 | -.392 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|
| 70 | 150 | -.107 | .039 | .083 | -.251 |
| 70 | 151 | -.207 | .048 | -.080 | -.410 |
| 70 | 152 | -.260 | .060 | -.108 | -.545 |
| 70 | 153 | .166 | .104 | .626 | -.481 |
| 70 | 154 | .189 | .107 | .687 | -.244 |
| 70 | 155 | .254 | .090 | .630 | .018 |
| 70 | 156 | .273 | .104 | .727 | .018 |
| 70 | 157 | -.304 | .057 | -.155 | -.580 |
| 70 | 158 | -.296 | .056 | -.160 | -.563 |
| 70 | 159 | -.318 | .055 | -.143 | -.530 |
| 70 | 160 | -.309 | .052 | -.155 | -.528 |
| 70 | 161 | -.319 | .055 | -.155 | -.550 |
| 70 | 162 | -.326 | .069 | -.173 | -.705 |
| 70 | 163 | -.312 | .070 | -.132 | -.625 |
| 70 | 164 | -.334 | .073 | -.173 | -.752 |
| 70 | 165 | -.331 | .081 | -.150 | -.812 |
| 70 | 166 | -.342 | .084 | -.167 | -.948 |
| 70 | 167 | -.313 | .081 | -.135 | -.685 |
| 70 | 168 | -.322 | .084 | -.138 | -.740 |
| 70 | 169 | -.310 | .084 | -.113 | -.723 |
| 70 | 170 | -.308 | .074 | -.140 | -.851 |
| 70 | 171 | -.340 | .078 | -.171 | -.862 |
| 70 | 172 | -.350 | .080 | -.174 | -.854 |
| 70 | 173 | -.332 | .083 | -.123 | -.737 |
| 70 | 174 | -.330 | .085 | -.082 | -.786 |
| 70 | 175 | -.294 | .079 | -.092 | -.661 |
| 70 | 176 | -.328 | .089 | -.129 | -.882 |
| 70 | 177 | -.314 | .084 | -.107 | -.826 |
| 70 | 178 | -.283 | .088 | .058 | -.890 |
| 70 | 201 | .016 | .069 | .223 | -.278 |
| 70 | 202 | .142 | .088 | .400 | -.181 |
| 70 | 203 | .247 | .089 | .532 | -.028 |
| 70 | 204 | .300 | .097 | .595 | -.027 |
| 70 | 205 | .379 | .116 | .741 | .006 |
| 70 | 206 | .338 | .106 | .648 | -.009 |
| 70 | 207 | -.006 | .059 | .210 | -.258 |
| 70 | 208 | .190 | .081 | .445 | -.092 |
| 70 | 209 | .366 | .101 | .643 | .027 |
| 70 | 210 | .466 | .114 | .806 | .110 |
| 70 | 211 | .490 | .123 | .814 | .074 |
| 70 | 212 | .389 | .120 | .761 | -.045 |
| 70 | 213 | -.000 | .057 | .211 | -.191 |
| 70 | 214 | .238 | .086 | .521 | -.097 |
| 70 | 215 | .501 | .125 | .866 | .123 |
| 70 | 216 | .606 | .136 | 1.030 | .189 |
| 70 | 217 | .514 | .120 | .939 | .070 |
| 70 | 218 | .298 | .108 | .675 | -.065 |
| 70 | 219 | .001 | .064 | .242 | -.248 |
| 70 | 220 | .167 | .089 | .551 | -.223 |
| 70 | 221 | .453 | .121 | .825 | .087 |
| 70 | 222 | .576 | .120 | .942 | .268 |
| 70 | 223 | .462 | .114 | .837 | .113 |
| 70 | 224 | .270 | .124 | .729 | -.159 |
| 70 | 225 | -.121 | .077 | .175 | -.347 |
| 70 | 226 | .121 | .087 | .385 | -.153 |
| 70 | 227 | .379 | .117 | .745 | .079 |
| 70 | 228 | .469 | .129 | .859 | .127 |
| 70 | 229 | .394 | .125 | .791 | .039 |
| 70 | 230 | .250 | .127 | .645 | -.184 |
| 70 | 231 | -.152 | .084 | .218 | -.417 |
| 70 | 232 | .026 | .091 | .377 | -.236 |
| 70 | 233 | -.181 | .082 | .153 | -.461 |
| 70 | 234 | .043 | .082 | .336 | -.191 |
| 70 | 235 | .248 | .105 | .745 | -.003 |
| 70 | 236 | .304 | .113 | .891 | .047 |
| 70 | 237 | .259 | .111 | .694 | -.017 |
| 70 | 238 | .218 | .108 | .648 | -.043 |
| 70 | 239 | -.117 | .079 | .180 | -.350 |
| 70 | 240 | -.009 | .080 | .299 | -.217 |
| 70 | 241 | -.099 | .081 | .172 | -.356 |
| 70 | 242 | .085 | .085 | .465 | -.150 |
| 70 | 243 | .304 | .110 | .743 | .074 |
| 70 | 244 | .241 | .081 | .595 | .047 |
| 70 | 245 | .152 | .078 | .500 | -.060 |
| 70 | 246 | .093 | .093 | .565 | -.174 |
| 70 | 247 | .280 | .105 | .817 | -.035 |
| 70 | 248 | .188 | .069 | .525 | .013 |
| 70 | 249 | .099 | .064 | .468 | -.124 |
| 70 | 250 | -.448 | .134 | .344 | -.839 |
| 70 | 251 | -.569 | .123 | .081 | -1.069 |
| 70 | 252 | -.578 | .116 | -.185 | -1.031 |
| 70 | 253 | -.408 | .154 | .364 | -.965 |
| 70 | 254 | -.458 | .108 | -.160 | -.882 |
| 70 | 255 | -.394 | .142 | .371 | -.872 |
| 70 | 256 | -.473 | .105 | .045 | -.879 |
| 70 | 257 | -.439 | .095 | -.109 | -.916 |
| 70 | 258 | -.276 | .170 | .298 | -.851 |
| 70 | 259 | -.376 | .113 | .044 | -.745 |
| 70 | 260 | -.159 | .179 | .496 | -.656 |
| 70 | 261 | -.341 | .107 | -.005 | -.776 |
| 70 | 262 | -.151 | .191 | .436 | -.709 |
| 70 | 263 | -.210 | .166 | .346 | -.700 |
| 70 | 264 | -.328 | .091 | .039 | -.644 |
| 70 | 265 | -.211 | .145 | .301 | -.623 |
| 70 | 266 | -.273 | .101 | -.002 | -.647 |
| 70 | 267 | .043 | .142 | .547 | -.617 |
| 70 | 268 | -.157 | .107 | .223 | -.614 |
| 70 | 269 | -.239 | .100 | .237 | -.601 |
| 70 | 270 | -.101 | .089 | .358 | -.348 |
| 70 | 271 | .051 | .082 | .481 | -.252 |
| 70 | 272 | .083 | .082 | .415 | -.184 |
| 70 | 273 | .077 | .126 | .508 | -.628 |
| 70 | 274 | .091 | .120 | .530 | -.495 |
| 70 | 275 | -.252 | .076 | -.012 | -.528 |
| 70 | 276 | -.126 | .060 | .169 | -.366 |
| 70 | 277 | .072 | .069 | .405 | -.161 |
| 70 | 278 | .143 | .075 | .498 | -.029 |
| 70 | 279 | .174 | .084 | .503 | -.092 |
| 70 | 280 | .171 | .094 | .565 | -.194 |
| 70 | 301 | -.393 | .088 | -.120 | -.888 |
| 70 | 302 | -.380 | .083 | -.069 | -.755 |
| 70 | 303 | -.370 | .072 | -.097 | -.816 |
| 70 | 304 | -.370 | .061 | -.125 | -.651 |
| 70 | 305 | -.364 | .057 | -.171 | -.647 |
| 70 | 306 | -.359 | .056 | -.181 | -.628 |
| 70 | 307 | -.414 | .093 | -.163 | -.969 |
| 70 | 308 | -.408 | .082 | -.168 | -.774 |
| 70 | 309 | -.343 | .064 | -.145 | -.807 |
| 70 | 310 | -.366 | .062 | -.144 | -.692 |
| 70 | 311 | -.348 | .057 | -.152 | -.564 |
| 70 | 312 | -.346 | .055 | -.167 | -.559 |
| 70 | 313 | -.400 | .088 | -.153 | -.868 |
| 70 | 314 | -.397 | .084 | -.154 | -.892 |
| 70 | 315 | -.345 | .061 | -.140 | -.753 |
| 70 | 316 | -.316 | .056 | -.148 | -.576 |
| 70 | 317 | -.300 | .051 | -.125 | -.482 |
| 70 | 318 | -.306 | .052 | -.121 | -.489 |
| 70 | 319 | -.424 | .117 | -.143 | -1.229 |
| 70 | 320 | -.417 | .109 | -.186 | -1.164 |
| 70 | 321 | -.360 | .068 | -.174 | -.664 |
| 70 | 322 | -.326 | .058 | -.155 | -.588 |
| 70 | 323 | -.313 | .053 | -.138 | -.531 |
| 70 | 324 | -.319 | .055 | -.114 | -.529 |
| 70 | 325 | -.429 | .115 | -.186 | -1.231 |
| 70 | 326 | -.410 | .105 | -.175 | -1.358 |
| 70 | 327 | -.414 | .122 | -.182 | -1.381 |
| 70 | 328 | -.413 | .114 | -.193 | -1.211 |
| 70 | 329 | -.393 | .111 | -.164 | -1.378 |
| 70 | 330 | -.384 | .102 | -.155 | -1.244 |
| 70 | 331 | -.369 | .078 | -.170 | -.941 |
| 70 | 332 | -.356 | .074 | -.163 | -.793 |
| 70 | 333 | -.427 | .080 | -.230 | -.782 |
| 70 | 334 | -.416 | .080 | -.225 | -.806 |
| 70 | 336 | -.519 | .107 | -.173 | -.914 |
| 70 | 337 | -.470 | .092 | -.184 | -.775 |
| 70 | 338 | -.481 | .103 | -.172 | -.937 |
| 70 | 339 | -.477 | .088 | -.155 | -.759 |
| 70 | 340 | -.446 | .092 | -.089 | -.798 |
| 70 | 341 | -.443 | .090 | -.101 | -.780 |
| 70 | 342 | -.433 | .091 | -.046 | -.780 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| UD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | UD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | UD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70 | 343 | -.383 | .096 | -.071 | -.720 | 70 | 393 | -.520 | .141 | -.102 | -1.156 | 70 | 535 | -.366 | .079 | -.121 | -.770 |
| 70 | 344 | -.390 | .097 | -.065 | -.754 | 70 | 394 | -.293 | .093 | .026 | -.664 | 70 | 536 | -.307 | .053 | -.155 | -.548 |
| 70 | 345 | -.352 | .101 | -.054 | -.770 | 70 | 395 | -.284 | .090 | .005 | -.591 | 70 | 537 | -.318 | .055 | -.154 | -.594 |
| 70 | 346 | -.344 | .100 | -.044 | -.746 | 70 | 396 | -.336 | .093 | -.036 | -.672 | 70 | 538 | -.316 | .063 | -.153 | -.698 |
| 70 | 347 | -.428 | .130 | -.120 | -1.441 | 70 | 397 | -.344 | .080 | -.100 | -.627 | 70 | 539 | -.313 | .057 | -.151 | -.685 |
| 70 | 348 | -.418 | .116 | -.054 | -.973 | 70 | 398 | -.347 | .079 | -.113 | -.668 | 70 | 540 | -.325 | .069 | -.155 | -.782 |
| 70 | 349 | -.418 | .114 | -.106 | -1.195 | 70 | 399 | -.347 | .072 | -.133 | -.589 | 70 | 541 | -.330 | .069 | -.154 | -.796 |
| 70 | 350 | -.405 | .109 | -.111 | -.951 | 70 | 400 | -.559 | .116 | -.253 | -1.002 | 70 | 542 | -.312 | .068 | -.134 | -.757 |
| 70 | 351 | -.433 | .114 | -.124 | -1.260 | 70 | 401 | -.712 | .184 | -.320 | -1.419 | 70 | 543 | -.321 | .082 | -.129 | -.665 |
| 70 | 352 | -.458 | .142 | -.132 | -1.478 | 70 | 402 | -.676 | .162 | -.298 | -1.307 | 70 | 544 | -.335 | .082 | -.137 | -.682 |
| 70 | 353 | -.468 | .136 | -.136 | -1.419 | 70 | 403 | -.291 | .073 | -.080 | -.606 | 70 | 545 | -.331 | .087 | -.068 | -.692 |
| 70 | 354 | -.449 | .122 | -.125 | -1.037 | 70 | 404 | -.271 | .066 | -.061 | -.561 | 70 | 546 | -.308 | .086 | -.063 | -.647 |
| 70 | 355 | -.458 | .135 | -.105 | -1.592 | 70 | 405 | -.272 | .055 | -.083 | -.477 | 70 | 547 | -.328 | .092 | -.139 | -.842 |
| 70 | 356 | -.449 | .119 | -.142 | -1.219 | 70 | 406 | -.174 | .069 | .060 | -.449 | 70 | 548 | -.334 | .092 | -.153 | -.853 |
| 70 | 357 | -.423 | .108 | -.068 | -.974 | 70 | 407 | -.661 | .155 | -.288 | -1.381 | 70 | 549 | -.319 | .059 | -.146 | -.587 |
| 70 | 358 | -.424 | .101 | -.088 | -.968 | 70 | 408 | -.581 | .129 | -.275 | -1.182 | 70 | 550 | -.288 | .059 | -.109 | -.534 |
| 70 | 359 | -.484 | .113 | -.201 | -1.013 | 70 | 501 | -.277 | .051 | -.121 | -.454 | 70 | 551 | -.306 | .051 | -.136 | -.492 |
| 70 | 360 | -.515 | .131 | -.227 | -1.200 | 70 | 502 | -.280 | .053 | -.083 | -.467 | 70 | 552 | -.322 | .054 | -.160 | -.558 |
| 70 | 361 | -.398 | .104 | -.032 | -.935 | 70 | 503 | -.282 | .055 | -.088 | -.671 | 70 | 553 | -.346 | .078 | -.118 | -.700 |
| 70 | 362 | -.391 | .100 | -.028 | -.945 | 70 | 504 | -.306 | .059 | -.128 | -.681 | 70 | 554 | -.328 | .087 | -.075 | -.752 |
| 70 | 363 | -.384 | .092 | -.058 | -.777 | 70 | 505 | -.338 | .066 | -.085 | -.893 | 70 | 555 | -.336 | .082 | -.116 | -.835 |
| 70 | 364 | -.397 | .102 | -.025 | -.856 | 70 | 506 | -.346 | .069 | -.107 | -.715 | 70 | 556 | -.361 | .092 | -.082 | -.855 |
| 70 | 365 | -.410 | .095 | -.143 | -.891 | 70 | 507 | -.240 | .048 | -.086 | -.396 | 70 | 557 | -.318 | .063 | -.141 | -.723 |
| 70 | 366 | -.411 | .096 | -.136 | -.814 | 70 | 508 | -.262 | .053 | -.089 | -.474 | 70 | 558 | -.284 | .061 | -.114 | -.603 |
| 70 | 367 | -.421 | .101 | -.132 | -.940 | 70 | 509 | -.275 | .052 | -.120 | -.448 | 70 | 559 | -.316 | .063 | -.126 | -.777 |
| 70 | 368 | -.338 | .109 | .026 | -.782 | 70 | 510 | -.293 | .056 | -.127 | -.595 | 70 | 560 | -.319 | .065 | -.130 | -.702 |
| 70 | 369 | -.386 | .095 | -.128 | -.895 | 70 | 511 | -.307 | .061 | -.069 | -.610 | 70 | 561 | -.349 | .087 | -.071 | -.896 |
| 70 | 370 | -.274 | .108 | .043 | -.635 | 70 | 512 | -.338 | .071 | -.122 | -.687 | 70 | 562 | -.347 | .092 | -.100 | -.962 |
| 70 | 371 | -.308 | .112 | -.009 | -.783 | 70 | 513 | -.280 | .046 | -.137 | -.466 | 70 | 563 | -.320 | .074 | -.159 | -.735 |
| 70 | 372 | -.186 | .108 | .112 | -.674 | 70 | 514 | -.282 | .047 | -.155 | -.473 | 70 | 564 | -.331 | .075 | -.160 | -.760 |
| 70 | 373 | -.297 | .116 | .021 | -.834 | 70 | 515 | -.287 | .047 | -.149 | -.480 | 70 | 565 | -.337 | .068 | -.146 | -.601 |
| 70 | 374 | -.394 | .110 | -.058 | -.952 | 70 | 516 | -.291 | .049 | -.149 | -.496 | 70 | 566 | -.337 | .072 | -.166 | -.715 |
| 70 | 375 | -.395 | .110 | -.001 | -.933 | 70 | 517 | -.310 | .054 | -.057 | -.478 | 70 | 567 | -.332 | .077 | -.136 | -.686 |
| 70 | 376 | -.424 | .107 | -.083 | -1.129 | 70 | 518 | -.334 | .062 | -.143 | -.548 | 70 | 568 | -.387 | .088 | -.161 | -.802 |
| 70 | 377 | -.476 | .104 | -.118 | -.829 | 70 | 519 | -.278 | .051 | -.118 | -.453 | 70 | 569 | -.406 | .099 | -.148 | -.903 |
| 70 | 378 | -.582 | .137 | -.187 | -1.122 | 70 | 520 | -.282 | .045 | -.075 | -.429 | 70 | 570 | -.343 | .077 | -.149 | -.713 |
| 70 | 379 | -.669 | .186 | -.219 | -1.435 | 70 | 521 | -.282 | .044 | -.159 | -.432 | 70 | 571 | -.321 | .079 | -.119 | -.747 |
| 70 | 380 | -.404 | .113 | -.098 | -1.162 | 70 | 522 | -.289 | .048 | -.037 | -.447 | 70 | 572 | -.327 | .082 | -.129 | -.847 |
| 70 | 381 | -.405 | .110 | -.088 | -.976 | 70 | 523 | -.312 | .062 | -.126 | -.554 | 70 | 573 | -.340 | .081 | -.137 | -.855 |
| 70 | 382 | -.368 | .096 | -.096 | -.846 | 70 | 524 | -.313 | .072 | -.102 | -.598 | 70 | 574 | -.337 | .091 | -.121 | -.904 |
| 70 | 383 | -.349 | .095 | -.071 | -.780 | 70 | 525 | -.314 | .062 | -.089 | -.555 | 70 | 575 | -.310 | .081 | -.104 | -.683 |
| 70 | 384 | -.375 | .092 | -.117 | -.807 | 70 | 526 | -.348 | .078 | -.120 | -.729 | 70 | 576 | -.308 | .088 | -.106 | -.862 |
| 70 | 385 | -.440 | .095 | -.206 | -.932 | 70 | 527 | -.328 | .066 | -.133 | -.614 | 70 | 577 | -.338 | .082 | -.158 | -1.110 |
| 70 | 386 | -.508 | .120 | -.225 | -.968 | 70 | 528 | -.330 | .075 | -.124 | -.666 | 70 | 578 | -.338 | .080 | -.166 | -1.007 |
| 70 | 387 | -.519 | .119 | -.187 | -.998 | 70 | 529 | -.289 | .052 | -.139 | -.527 | 70 | 579 | -.308 | .077 | -.124 | -.718 |
| 70 | 388 | -.304 | .088 | -.051 | -.677 | 70 | 530 | -.297 | .052 | -.145 | -.523 | 70 | 580 | -.340 | .074 | -.116 | -.657 |
| 70 | 389 | -.296 | .083 | -.029 | -.624 | 70 | 531 | -.269 | .045 | -.145 | -.434 | 70 | 581 | -.371 | .098 | -.022 | -.805 |
| 70 | 390 | -.328 | .087 | -.030 | -.603 | 70 | 532 | -.296 | .051 | -.164 | -.524 | 70 | 582 | -.379 | .102 | -.010 | -.798 |
| 70 | 391 | -.411 | .096 | -.090 | -.855 | 70 | 533 | -.296 | .054 | -.136 | -.500 | 70 | 583 | -.341 | .099 | -.046 | -.835 |
| 70 | 392 | -.494 | .129 | -.095 | -1.044 | 70 | 534 | -.341 | .066 | -.079 | -.670 | 70 | 584 | -.345 | .103 | .014 | -.775 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|
| 70 | 585 | -.327 | .086 | -.100 | -.848 |
| 70 | 586 | -.326 | .086 | -.091 | -.806 |
| 70 | 587 | -.318 | .107 | -.109 | -1.021 |
| 70 | 588 | -.316 | .091 | -.066 | -.735 |
| 70 | 589 | -.334 | .118 | .062 | -.911 |
| 70 | 590 | -.341 | .121 | .020 | -.891 |
| 70 | 591 | -.287 | .086 | -.080 | -.737 |
| 70 | 592 | -.298 | .099 | -.061 | -.905 |
| 70 | 593 | -.322 | .115 | .016 | -1.027 |
| 70 | 594 | -.309 | .107 | .038 | -.758 |
| 70 | 595 | -.295 | .120 | .086 | -.759 |
| 70 | 596 | -.302 | .113 | -.020 | -.787 |
| 70 | 597 | -.346 | .099 | -.026 | -.696 |
| 70 | 598 | -.343 | .094 | -.036 | -.662 |
| 70 | 599 | -.289 | .086 | -.018 | -.605 |
| 70 | 600 | -.324 | .091 | -.008 | -.622 |
| 70 | 701 | .141 | .092 | .546 | -.295 |
| 70 | 702 | -.800 | .290 | .261 | -1.789 |
| 70 | 703 | -.567 | .251 | .267 | -1.580 |
| 70 | 704 | -.441 | .263 | .370 | -1.358 |
| 70 | 705 | -.295 | .272 | .360 | -1.392 |
| 70 | 706 | -.210 | .164 | .383 | -1.172 |
| 70 | 707 | -.268 | .055 | -.066 | -.475 |
| 70 | 708 | -.269 | .048 | -.111 | -.438 |
| 70 | 709 | -.285 | .047 | -.145 | -.447 |
| 70 | 710 | -.317 | .068 | -.146 | -.660 |
| 70 | 711 | -.314 | .083 | -.133 | -.732 |
| 70 | 712 | -.317 | .052 | -.153 | -.568 |
| 70 | 713 | -.316 | .070 | -.165 | -.727 |
| 70 | 714 | -.329 | .094 | .037 | -.815 |
| 70 | 715 | -.350 | .083 | -.164 | -.774 |
| 70 | 716 | -.307 | .092 | -.082 | -.703 |
| 70 | 717 | -.381 | .095 | -.058 | -.901 |
| 70 | 718 | -.430 | .110 | -.182 | -1.235 |
| 70 | 719 | -.394 | .124 | -.136 | -1.437 |
| 70 | 720 | -.408 | .136 | .009 | -1.196 |
| 70 | 721 | -.406 | .112 | -.100 | -1.164 |
| 70 | 722 | -.389 | .112 | -.086 | -.885 |
| 70 | 723 | -.344 | .111 | -.061 | -.952 |
| 70 | 724 | -.342 | .134 | .038 | -1.059 |
| 70 | 725 | -.359 | .058 | -.165 | -.590 |
| 70 | 726 | -.299 | .053 | -.141 | -.487 |
| 70 | 727 | -.424 | .083 | -.182 | -.745 |
| 70 | 728 | -.444 | .096 | -.186 | -1.048 |
| 70 | 729 | -.352 | .098 | .015 | -.691 |
| 70 | 730 | -.416 | .108 | -.101 | -1.036 |
| 70 | 731 | -.408 | .093 | -.143 | -.732 |
| 70 | 732 | -.219 | .120 | .085 | -.674 |
| 70 | 733 | -.559 | .142 | -.192 | -1.173 |
| 70 | 734 | -.508 | .122 | -.218 | -.947 |
| 70 | 735 | -.349 | .098 | -.059 | -.646 |
| 70 | 736 | -.631 | .150 | -.233 | -1.446 |
| 70 | 901 | -.318 | .085 | -.009 | -.671 |
| 70 | 902 | -.259 | .076 | .101 | -.535 |
| 70 | 903 | -.377 | .078 | -.166 | -.690 |
| 70 | 904 | -.120 | .070 | .219 | -.316 |
| 70 | 905 | -.154 | .084 | .179 | -.474 |
| 70 | 906 | -.148 | .086 | .083 | -.525 |
| 70 | 907 | -.084 | .083 | .240 | -.885 |
| 70 | 908 | .242 | .111 | .680 | -.066 |
| 70 | 909 | .394 | .138 | .887 | -.027 |
| 70 | 910 | .355 | .134 | .921 | -.041 |
| 70 | 911 | -.330 | .070 | -.156 | -.739 |
| 70 | 912 | -.319 | .072 | -.140 | -.756 |
| 70 | 913 | -.348 | .069 | -.146 | -.654 |
| 70 | 914 | -.365 | .106 | -.001 | -.939 |
| 70 | 915 | -.367 | .101 | -.054 | -.806 |
| 70 | 916 | -.363 | .094 | -.062 | -.765 |
| 70 | 917 | -.351 | .097 | -.003 | -.747 |
| 70 | 918 | -.383 | .137 | .321 | -1.024 |
| 70 | 919 | -.384 | .129 | .243 | -.966 |
| 70 | 920 | -.278 | .051 | -.125 | -.585 |
| 70 | 921 | -.300 | .051 | -.123 | -.491 |
| 70 | 922 | -.319 | .052 | -.156 | -.649 |
| 70 | 923 | -.377 | .088 | -.181 | -1.342 |
| 70 | 924 | -.358 | .084 | -.169 | -1.165 |
| 70 | 925 | -.354 | .076 | -.126 | -.755 |
| 70 | 926 | -.388 | .085 | -.169 | -1.084 |
| 70 | 927 | -.357 | .077 | -.129 | -1.003 |
| 70 | 928 | -.343 | .073 | -.096 | -.751 |
| 70 | 929 | -.404 | .075 | -.151 | -.646 |
| 70 | 930 | -.413 | .081 | -.126 | -.729 |
| 70 | 931 | -.306 | .077 | -.031 | -.599 |
| 70 | 932 | -.373 | .070 | -.132 | -.632 |
| 70 | 933 | -.289 | .074 | .019 | -.538 |
| 70 | 934 | -.408 | .081 | -.164 | -.706 |
| 70 | 935 | -.464 | .086 | -.178 | -.851 |
| 70 | 936 | -.476 | .109 | -.084 | -.897 |
| 70 | 937 | -.483 | .094 | -.185 | -.868 |
| 70 | 938 | -.501 | .085 | -.226 | -.889 |
| 70 | 939 | -.476 | .083 | -.208 | -.829 |
| 70 | 940 | -.470 | .098 | -.208 | -.975 |
| 70 | 941 | -.461 | .074 | -.264 | -.787 |
| 70 | 942 | -.478 | .080 | -.249 | -.836 |
| 80 | 101 | -1.028 | .280 | -.372 | -2.032 |
| 80 | 102 | -.749 | .188 | -.266 | -1.477 |
| 80 | 103 | -.449 | .154 | -.148 | -1.074 |
| 80 | 104 | -.282 | .091 | -.084 | -.764 |
| 80 | 105 | -.231 | .056 | -.054 | -.577 |
| 80 | 106 | -.264 | .063 | -.072 | -.611 |
| 80 | 107 | -1.076 | .291 | -.341 | -2.049 |
| 80 | 108 | -.990 | .272 | -.254 | -1.880 |
| 80 | 109 | -.431 | .160 | -.103 | -1.014 |
| 80 | 110 | -.260 | .087 | -.075 | -.815 |
| 80 | 111 | -.239 | .060 | -.023 | -.555 |
| 80 | 112 | -.282 | .064 | -.072 | -.574 |
| 80 | 113 | -.716 | .146 | -.291 | -1.407 |
| 80 | 114 | -.730 | .149 | -.285 | -1.464 |
| 80 | 115 | -.613 | .207 | -.084 | -1.352 |
| 80 | 116 | -.348 | .189 | -.001 | -1.097 |
| 80 | 117 | -.251 | .098 | .018 | -.705 |
| 80 | 118 | -.282 | .096 | .051 | -1.146 |
| 80 | 119 | -.722 | .187 | -.175 | -2.066 |
| 80 | 120 | -.730 | .186 | -.184 | -1.862 |
| 80 | 121 | -.578 | .252 | -.019 | -1.448 |
| 80 | 122 | -.343 | .211 | .066 | -1.231 |
| 80 | 123 | -.250 | .115 | .066 | -1.148 |
| 80 | 124 | -.259 | .105 | .066 | -1.167 |
| 80 | 125 | -.721 | .200 | -.256 | -1.587 |
| 80 | 126 | -.729 | .198 | -.175 | -1.593 |
| 80 | 127 | -.490 | .254 | .019 | -1.471 |
| 80 | 128 | -.278 | .174 | .097 | -1.133 |
| 80 | 129 | -.238 | .091 | -.008 | -.923 |
| 80 | 130 | -.261 | .082 | -.091 | -1.076 |
| 80 | 131 | -.223 | .073 | -.027 | -.739 |
| 80 | 132 | -.249 | .073 | -.073 | -.751 |
| 80 | 133 | -.676 | .243 | -.045 | -2.118 |
| 80 | 134 | -.654 | .245 | .004 | -1.762 |
| 80 | 135 | -.311 | .217 | .001 | -1.186 |
| 80 | 136 | -.168 | .098 | .059 | -.702 |
| 80 | 137 | -.217 | .056 | -.043 | -.480 |
| 80 | 138 | -.232 | .053 | -.100 | -.537 |
| 80 | 139 | -.203 | .050 | -.039 | -.429 |
| 80 | 140 | -.230 | .059 | -.085 | -.511 |
| 80 | 141 | -.430 | .156 | .014 | -1.262 |
| 80 | 142 | -.402 | .171 | .037 | -1.305 |
| 80 | 143 | -.195 | .132 | .030 | -.969 |
| 80 | 144 | -.153 | .051 | .106 | -.414 |
| 80 | 145 | -.208 | .060 | -.036 | -.506 |
| 80 | 146 | -.235 | .073 | -.041 | -.627 |
| 80 | 147 | -.359 | .195 | .004 | -1.922 |
| 80 | 148 | -.340 | .189 | .059 | -1.229 |
| 80 | 149 | -.129 | .115 | .128 | -.874 |
| 80 | 150 | -.120 | .046 | .124 | -.374 |
| 80 | 151 | -.183 | .055 | -.034 | -.475 |
| 80 | 152 | -.213 | .066 | -.063 | -.565 |
| 80 | 153 | .170 | .080 | .477 | -.209 |
| 80 | 154 | .174 | .081 | .476 | -.175 |
| 80 | 155 | .226 | .082 | .623 | -.014 |
| 80 | 156 | .241 | .085 | .644 | .023 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 157 | -.263 | .069 | -.109 | -.654 | 80 | 229 | .282 | .120 | .677 | -.029 | 80 | 279 | .226 | .090 | .569 | -.010 |
| 80 | 158 | -.283 | .067 | -.118 | -.665 | 80 | 230 | .076 | .098 | .436 | -.272 | 80 | 280 | .240 | .098 | .674 | -.127 |
| 80 | 159 | -.277 | .075 | -.091 | -.708 | 80 | 231 | -.013 | .105 | .387 | -.328 | 80 | 301 | -.422 | .117 | -.023 | -1.038 |
| 80 | 160 | -.263 | .069 | -.096 | -.617 | 80 | 232 | .179 | .108 | .555 | -.095 | 80 | 302 | -.437 | .118 | .139 | -1.043 |
| 80 | 161 | -.278 | .077 | -.090 | -.786 | 80 | 233 | -.034 | .106 | .342 | -.371 | 80 | 303 | -.451 | .108 | -.072 | -1.115 |
| 80 | 162 | -.274 | .072 | -.103 | -.658 | 80 | 234 | .168 | .099 | .553 | -.084 | 80 | 304 | -.433 | .083 | -.184 | -.942 |
| 80 | 163 | -.277 | .077 | -.089 | -.724 | 80 | 235 | .332 | .115 | .805 | .054 | 80 | 305 | -.430 | .073 | -.221 | -.802 |
| 80 | 164 | -.283 | .080 | -.099 | -.660 | 80 | 236 | .344 | .113 | .771 | .057 | 80 | 306 | -.426 | .072 | -.227 | -.827 |
| 80 | 165 | -.267 | .081 | -.089 | -.772 | 80 | 237 | .202 | .100 | .604 | -.098 | 80 | 307 | -.445 | .131 | -.032 | -1.122 |
| 80 | 166 | -.281 | .086 | -.101 | -.763 | 80 | 238 | .128 | .091 | .538 | -.148 | 80 | 308 | -.434 | .111 | -.068 | -1.007 |
| 80 | 167 | -.269 | .085 | -.053 | -.861 | 80 | 239 | .018 | .101 | .489 | -.276 | 80 | 309 | -.424 | .103 | -.062 | -.965 |
| 80 | 168 | -.276 | .089 | -.082 | -.949 | 80 | 240 | .116 | .100 | .581 | -.132 | 80 | 310 | -.422 | .082 | -.183 | -.842 |
| 80 | 169 | -.263 | .089 | -.060 | -.953 | 80 | 241 | .036 | .101 | .481 | -.276 | 80 | 311 | -.395 | .068 | -.207 | -.727 |
| 80 | 170 | -.231 | .066 | -.065 | -.612 | 80 | 242 | .193 | .094 | .521 | -.062 | 80 | 312 | -.391 | .065 | -.212 | -.740 |
| 80 | 171 | -.269 | .070 | -.085 | -.644 | 80 | 243 | .367 | .118 | .790 | .084 | 80 | 313 | -.458 | .159 | -.077 | -1.207 |
| 80 | 172 | -.278 | .071 | -.092 | -.686 | 80 | 244 | .250 | .086 | .686 | .025 | 80 | 314 | -.458 | .146 | -.043 | -1.178 |
| 80 | 173 | -.280 | .081 | -.092 | -.781 | 80 | 245 | .112 | .075 | .450 | -.076 | 80 | 315 | -.400 | .107 | -.050 | -.988 |
| 80 | 174 | -.253 | .078 | -.071 | -.735 | 80 | 246 | -.004 | .083 | .346 | -.242 | 80 | 316 | -.375 | .092 | -.130 | -.897 |
| 80 | 175 | -.235 | .076 | -.062 | -.629 | 80 | 247 | .223 | .086 | .700 | -.085 | 80 | 317 | -.352 | .075 | -.154 | -.796 |
| 80 | 176 | -.274 | .087 | -.102 | -.696 | 80 | 248 | .155 | .067 | .485 | -.062 | 80 | 318 | -.361 | .076 | -.158 | -.827 |
| 80 | 177 | -.260 | .080 | -.085 | -.689 | 80 | 249 | .040 | .060 | .288 | -.222 | 80 | 319 | -.472 | .179 | -.040 | -1.562 |
| 80 | 178 | -.253 | .090 | .042 | -.784 | 80 | 250 | -.195 | .217 | .562 | -.755 | 80 | 320 | -.469 | .162 | -.031 | -1.508 |
| 80 | 201 | .075 | .078 | .365 | -.218 | 80 | 251 | -.412 | .180 | .462 | -1.043 | 80 | 321 | -.398 | .115 | .020 | -.983 |
| 80 | 202 | .202 | .091 | .568 | -.137 | 80 | 252 | -.453 | .131 | .104 | -1.052 | 80 | 322 | -.371 | .119 | -.133 | -1.280 |
| 80 | 203 | .269 | .100 | .559 | -.097 | 80 | 253 | -.187 | .180 | .430 | -.745 | 80 | 323 | -.338 | .097 | -.104 | -.977 |
| 80 | 204 | .284 | .106 | .601 | -.045 | 80 | 254 | -.342 | .119 | .006 | -1.188 | 80 | 324 | -.348 | .101 | -.118 | -1.025 |
| 80 | 205 | .316 | .101 | .621 | -.009 | 80 | 255 | -.167 | .198 | .571 | -.850 | 80 | 325 | -.475 | .184 | -.065 | -1.511 |
| 80 | 206 | .173 | .097 | .480 | -.152 | 80 | 256 | -.348 | .162 | .476 | -.997 | 80 | 326 | -.455 | .163 | -.040 | -1.356 |
| 80 | 207 | .051 | .074 | .320 | -.321 | 80 | 257 | -.327 | .126 | .142 | -.913 | 80 | 327 | -.448 | .168 | -.082 | -1.314 |
| 80 | 208 | .270 | .094 | .566 | -.027 | 80 | 258 | -.046 | .178 | .542 | -.686 | 80 | 328 | -.445 | .157 | -.051 | -1.243 |
| 80 | 209 | .429 | .109 | .750 | .069 | 80 | 259 | -.248 | .141 | .151 | -.745 | 80 | 329 | -.425 | .165 | -.032 | -1.554 |
| 80 | 210 | .457 | .117 | .810 | -.055 | 80 | 260 | .049 | .152 | .520 | -.533 | 80 | 330 | -.411 | .146 | -.003 | -1.226 |
| 80 | 211 | .360 | .117 | .762 | -.127 | 80 | 261 | -.182 | .123 | .180 | -.657 | 80 | 331 | -.383 | .116 | .027 | -1.120 |
| 80 | 212 | .168 | .110 | .591 | -.177 | 80 | 262 | .152 | .160 | .637 | -.550 | 80 | 332 | -.384 | .115 | -.058 | -1.027 |
| 80 | 213 | .055 | .079 | .318 | -.295 | 80 | 263 | .069 | .173 | .577 | -.548 | 80 | 333 | -.412 | .107 | -.157 | -1.188 |
| 80 | 214 | .324 | .093 | .618 | -.033 | 80 | 264 | -.222 | .091 | .171 | -.568 | 80 | 334 | -.401 | .100 | -.160 | -.995 |
| 80 | 215 | .563 | .120 | .906 | .191 | 80 | 265 | -.043 | .129 | .458 | -.516 | 80 | 336 | -.443 | .115 | -.068 | -1.082 |
| 80 | 216 | .598 | .123 | .936 | .207 | 80 | 266 | -.153 | .061 | .052 | -.525 | 80 | 337 | -.409 | .101 | -.149 | -.891 |
| 80 | 217 | .379 | .101 | .706 | .039 | 80 | 267 | .084 | .115 | .562 | -.295 | 80 | 338 | -.390 | .112 | -.030 | -.997 |
| 80 | 218 | .127 | .085 | .409 | -.201 | 80 | 268 | -.058 | .067 | .235 | -.285 | 80 | 339 | -.361 | .107 | -.040 | -.756 |
| 80 | 219 | .066 | .086 | .367 | -.371 | 80 | 269 | -.139 | .106 | .202 | -.546 | 80 | 340 | -.345 | .116 | .107 | -.822 |
| 80 | 220 | .285 | .107 | .691 | -.049 | 80 | 270 | -.014 | .096 | .339 | -.314 | 80 | 341 | -.337 | .114 | .010 | -.802 |
| 80 | 221 | .505 | .126 | .894 | .098 | 80 | 271 | .128 | .089 | .496 | -.094 | 80 | 342 | -.317 | .115 | .051 | -.789 |
| 80 | 222 | .547 | .124 | .888 | .244 | 80 | 272 | .177 | .094 | .562 | -.065 | 80 | 343 | -.254 | .119 | .126 | -.679 |
| 80 | 223 | .314 | .106 | .680 | -.035 | 80 | 273 | .160 | .105 | .576 | -.454 | 80 | 344 | -.257 | .117 | .152 | -.627 |
| 80 | 224 | .057 | .101 | .452 | -.374 | 80 | 274 | .161 | .102 | .560 | -.476 | 80 | 345 | -.216 | .115 | .212 | -.605 |
| 80 | 225 | .001 | .091 | .325 | -.344 | 80 | 275 | -.168 | .067 | .100 | -.447 | 80 | 346 | -.205 | .111 | .199 | -.651 |
| 80 | 226 | .213 | .102 | .548 | -.062 | 80 | 276 | -.042 | .063 | .223 | -.255 | 80 | 347 | -.379 | .147 | .036 | -1.055 |
| 80 | 227 | .424 | .131 | .829 | .094 | 80 | 277 | .140 | .080 | .633 | -.078 | 80 | 348 | -.381 | .140 | .025 | -1.073 |
| 80 | 228 | .458 | .137 | .906 | .107 | 80 | 278 | .205 | .090 | .612 | .007 | 80 | 349 | -.438 | .164 | .019 | -1.195 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|
| 80 | 350 | -.449 | .153 | -.037 | -1.225 |
| 80 | 351 | -.499 | .150 | -.138 | -1.365 |
| 80 | 352 | -.682 | .265 | -.174 | -1.770 |
| 80 | 353 | -.390 | .136 | -.022 | -1.092 |
| 80 | 354 | -.388 | .136 | .033 | -1.021 |
| 80 | 355 | -.359 | .124 | -.058 | -1.112 |
| 80 | 356 | -.362 | .113 | -.060 | -.989 |
| 80 | 357 | -.386 | .104 | -.042 | -.825 |
| 80 | 358 | -.437 | .109 | -.133 | -.900 |
| 80 | 359 | -.536 | .147 | -.204 | -1.174 |
| 80 | 360 | -.555 | .151 | -.200 | -1.176 |
| 80 | 361 | -.313 | .096 | -.027 | -1.005 |
| 80 | 362 | -.306 | .094 | -.004 | -.918 |
| 80 | 363 | -.333 | .096 | .053 | -.756 |
| 80 | 364 | -.470 | .144 | -.070 | -1.019 |
| 80 | 365 | -.467 | .143 | -.147 | -1.105 |
| 80 | 366 | -.402 | .110 | -.112 | -.874 |
| 80 | 367 | -.444 | .132 | -.103 | -.992 |
| 80 | 368 | -.184 | .084 | .117 | -.452 |
| 80 | 369 | -.311 | .081 | -.060 | -.724 |
| 80 | 370 | -.131 | .071 | .087 | -.527 |
| 80 | 371 | -.163 | .082 | .051 | -.900 |
| 80 | 372 | -.087 | .073 | .189 | -.533 |
| 80 | 373 | -.188 | .078 | .029 | -.602 |
| 80 | 374 | -.303 | .094 | -.032 | -.774 |
| 80 | 375 | -.316 | .096 | -.036 | -.838 |
| 80 | 376 | -.366 | .093 | -.078 | -1.058 |
| 80 | 377 | -.482 | .101 | -.165 | -.982 |
| 80 | 378 | -.634 | .136 | -.313 | -1.172 |
| 80 | 379 | -.704 | .192 | -.241 | -1.566 |
| 80 | 380 | -.300 | .085 | -.048 | -.732 |
| 80 | 381 | -.304 | .082 | -.058 | -.647 |
| 80 | 382 | -.274 | .075 | -.045 | -.607 |
| 80 | 383 | -.262 | .073 | -.051 | -.527 |
| 80 | 384 | -.311 | .072 | -.061 | -.586 |
| 80 | 385 | -.468 | .101 | -.209 | -.840 |
| 80 | 386 | -.548 | .119 | -.224 | -1.080 |
| 80 | 387 | -.542 | .117 | -.245 | -1.109 |
| 80 | 388 | -.251 | .070 | -.019 | -.497 |
| 80 | 389 | -.250 | .066 | -.031 | -.511 |
| 80 | 390 | -.293 | .072 | .011 | -.619 |
| 80 | 391 | -.404 | .093 | -.117 | -.811 |
| 80 | 392 | -.499 | .116 | -.157 | -1.088 |
| 80 | 393 | -.531 | .126 | -.160 | -1.209 |
| 80 | 394 | -.252 | .070 | -.057 | -.518 |
| 80 | 395 | -.247 | .069 | -.025 | -.592 |
| 80 | 396 | -.301 | .075 | -.110 | -.603 |
| 80 | 397 | -.296 | .079 | -.072 | -.626 |
| 80 | 398 | -.335 | .074 | -.151 | -.634 |
| 80 | 399 | -.336 | .072 | -.122 | -.575 |
| 80 | 400 | -.521 | .126 | -.185 | -.937 |
| 80 | 401 | -.590 | .176 | -.197 | -1.426 |
| 80 | 402 | -.588 | .155 | -.236 | -1.234 |
| 80 | 403 | -.262 | .061 | -.078 | -.503 |
| 80 | 404 | -.239 | .054 | -.024 | -.474 |
| 80 | 405 | -.231 | .050 | -.034 | -.417 |
| 80 | 406 | -.110 | .079 | .195 | -.425 |
| 80 | 407 | -.573 | .148 | -.199 | -1.327 |
| 80 | 408 | -.498 | .122 | -.192 | -1.083 |
| 80 | 501 | -.275 | .072 | -.047 | -.879 |
| 80 | 502 | -.287 | .075 | -.041 | -.643 |
| 80 | 503 | -.307 | .077 | -.063 | -1.011 |
| 80 | 504 | -.351 | .080 | -.082 | -.908 |
| 80 | 505 | -.358 | .094 | -.021 | -.920 |
| 80 | 506 | -.366 | .089 | -.078 | -1.019 |
| 80 | 507 | -.267 | .070 | -.050 | -.868 |
| 80 | 508 | -.267 | .071 | -.016 | -.515 |
| 80 | 509 | -.288 | .071 | -.071 | -.578 |
| 80 | 510 | -.322 | .072 | -.101 | -.613 |
| 80 | 511 | -.344 | .079 | -.048 | -.734 |
| 80 | 512 | -.366 | .096 | .014 | -.739 |
| 80 | 513 | -.297 | .076 | -.092 | -.675 |
| 80 | 514 | -.291 | .073 | -.056 | -.723 |
| 80 | 515 | -.296 | .069 | -.118 | -.613 |
| 80 | 516 | -.291 | .062 | -.091 | -.531 |
| 80 | 517 | -.314 | .073 | -.082 | -.639 |
| 80 | 518 | -.360 | .088 | -.139 | -.874 |
| 80 | 519 | -.263 | .077 | -.073 | -.656 |
| 80 | 520 | -.278 | .072 | -.058 | -.600 |
| 80 | 521 | -.250 | .059 | -.083 | -.547 |
| 80 | 522 | -.257 | .049 | -.079 | -.478 |
| 80 | 523 | -.293 | .072 | -.073 | -.748 |
| 80 | 524 | -.301 | .096 | -.072 | -.834 |
| 80 | 525 | -.270 | .076 | -.048 | -.689 |
| 80 | 526 | -.328 | .109 | -.049 | -.890 |
| 80 | 527 | -.278 | .079 | -.068 | -.713 |
| 80 | 528 | -.287 | .099 | -.055 | -.846 |
| 80 | 529 | -.267 | .072 | -.103 | -.776 |
| 80 | 530 | -.278 | .070 | -.107 | -.722 |
| 80 | 531 | -.270 | .067 | -.086 | -.551 |
| 80 | 532 | -.277 | .064 | -.105 | -.548 |
| 80 | 533 | -.253 | .060 | -.026 | -.476 |
| 80 | 534 | -.322 | .090 | -.097 | -.761 |
| 80 | 535 | -.334 | .104 | -.036 | -.833 |
| 80 | 536 | -.276 | .075 | -.094 | -.769 |
| 80 | 537 | -.281 | .072 | -.083 | -.761 |
| 80 | 538 | -.254 | .076 | -.050 | -.662 |
| 80 | 539 | -.266 | .066 | -.106 | -.555 |
| 80 | 540 | -.274 | .073 | -.087 | -.687 |
| 80 | 541 | -.275 | .073 | -.098 | -.688 |
| 80 | 542 | -.247 | .071 | -.077 | -.619 |
| 80 | 543 | -.271 | .075 | -.078 | -.639 |
| 80 | 544 | -.286 | .076 | -.094 | -.689 |
| 80 | 545 | -.279 | .082 | -.080 | -.769 |
| 80 | 546 | -.250 | .081 | -.070 | -.723 |
| 80 | 547 | -.261 | .091 | -.078 | -.907 |
| 80 | 548 | -.269 | .092 | -.087 | -.958 |
| 80 | 549 | -.275 | .069 | -.116 | -.625 |
| 80 | 550 | -.241 | .065 | -.084 | -.595 |
| 80 | 551 | -.252 | .057 | -.093 | -.468 |
| 80 | 552 | -.272 | .062 | -.102 | -.564 |
| 80 | 553 | -.307 | .096 | -.015 | -1.000 |
| 80 | 554 | -.293 | .103 | -.009 | -.892 |
| 80 | 555 | -.295 | .097 | -.011 | -.843 |
| 80 | 556 | -.323 | .109 | .011 | -.837 |
| 80 | 557 | -.281 | .072 | -.090 | -.723 |
| 80 | 558 | -.239 | .069 | -.060 | -.689 |
| 80 | 559 | -.248 | .058 | -.081 | -.547 |
| 80 | 560 | -.258 | .057 | -.087 | -.561 |
| 80 | 561 | -.293 | .088 | -.070 | -.944 |
| 80 | 562 | -.278 | .091 | -.009 | -.757 |
| 80 | 563 | -.268 | .071 | -.101 | -.677 |
| 80 | 564 | -.280 | .072 | -.099 | -.727 |
| 80 | 565 | -.287 | .075 | -.067 | -.811 |
| 80 | 566 | -.287 | .070 | -.103 | -.681 |
| 80 | 567 | -.264 | .070 | -.070 | -.670 |
| 80 | 568 | -.286 | .085 | -.038 | -.935 |
| 80 | 569 | -.303 | .092 | -.047 | -1.055 |
| 80 | 570 | -.270 | .067 | -.113 | -.643 |
| 80 | 571 | -.243 | .065 | -.067 | -.566 |
| 80 | 572 | -.259 | .082 | -.061 | -.791 |
| 80 | 573 | -.274 | .083 | -.049 | -.782 |
| 80 | 574 | -.270 | .092 | -.088 | -1.005 |
| 80 | 575 | -.230 | .085 | -.050 | -.650 |
| 80 | 576 | -.239 | .080 | -.071 | -.776 |
| 80 | 577 | -.275 | .071 | -.057 | -.694 |
| 80 | 578 | -.275 | .070 | -.065 | -.706 |
| 80 | 579 | -.220 | .066 | -.048 | -.636 |
| 80 | 580 | -.258 | .069 | -.043 | -.714 |
| 80 | 581 | -.289 | .092 | .001 | -.654 |
| 80 | 582 | -.293 | .091 | -.010 | -.686 |
| 80 | 583 | -.244 | .089 | .015 | -.631 |
| 80 | 584 | -.281 | .093 | -.048 | -.989 |
| 80 | 585 | -.269 | .080 | -.029 | -.835 |
| 80 | 586 | -.268 | .081 | -.040 | -.917 |
| 80 | 587 | -.225 | .082 | .078 | -.723 |
| 80 | 588 | -.252 | .081 | -.019 | -.696 |
| 80 | 589 | -.270 | .092 | -.024 | -.935 |
| 80 | 590 | -.270 | .092 | -.035 | -.912 |
| 80 | 591 | -.211 | .076 | -.036 | -.679 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 592 | -.232 | .086 | -.021 | -.669 | 80 | 906 | -.080 | .078 | .170 | -.431 | 90 | 114 | -.519 | .157 | -.106 | -1.546 |
| 80 | 593 | -.235 | .092 | .014 | -.900 | 80 | 907 | .010 | .079 | .346 | -.385 | 90 | 115 | -.541 | .163 | -.093 | -1.355 |
| 80 | 594 | -.251 | .088 | .038 | -.618 | 80 | 908 | .319 | .111 | .810 | .023 | 90 | 116 | -.493 | .170 | .042 | -1.174 |
| 80 | 595 | -.228 | .084 | .030 | -.561 | 80 | 909 | .435 | .138 | .952 | .126 | 90 | 117 | -.440 | .198 | .089 | -1.469 |
| 80 | 596 | -.247 | .087 | -.023 | -.673 | 80 | 910 | .408 | .131 | .842 | .102 | 90 | 118 | -.480 | .215 | .042 | -1.420 |
| 80 | 597 | -.317 | .086 | -.067 | -.769 | 80 | 911 | -.282 | .068 | -.100 | -.621 | 90 | 119 | -.505 | .175 | -.140 | -1.663 |
| 80 | 598 | -.316 | .082 | -.088 | -.727 | 80 | 912 | -.270 | .069 | -.093 | -.605 | 90 | 120 | -.511 | .177 | -.155 | -1.715 |
| 80 | 599 | -.260 | .074 | -.033 | -.605 | 80 | 913 | -.292 | .072 | -.104 | -.776 | 90 | 121 | -.541 | .186 | -.091 | -1.382 |
| 80 | 600 | -.297 | .079 | -.063 | -.587 | 80 | 914 | -.252 | .105 | .158 | -.782 | 90 | 122 | -.488 | .184 | .025 | -1.366 |
| 80 | 701 | .164 | .087 | .506 | -.174 | 80 | 915 | -.257 | .100 | .153 | -.825 | 90 | 123 | -.427 | .201 | .103 | -1.311 |
| 80 | 702 | -1.077 | .291 | -.326 | -2.167 | 80 | 916 | -.253 | .097 | .125 | -.731 | 90 | 124 | -.439 | .226 | .056 | -1.387 |
| 80 | 703 | -.738 | .178 | .124 | -1.638 | 80 | 917 | -.314 | .099 | .174 | -.779 | 90 | 125 | -.566 | .183 | -.179 | -1.645 |
| 80 | 704 | -.751 | .220 | -.081 | -1.712 | 80 | 918 | -.506 | .163 | .019 | -1.282 | 90 | 126 | -.565 | .181 | -.169 | -1.479 |
| 80 | 705 | -.705 | .291 | .092 | -2.352 | 80 | 919 | -.501 | .163 | -.024 | -1.260 | 90 | 127 | -.569 | .189 | -.104 | -1.640 |
| 80 | 706 | -.390 | .219 | .134 | -1.838 | 80 | 920 | -.255 | .063 | -.041 | -.513 | 90 | 128 | -.442 | .186 | .021 | -1.258 |
| 80 | 707 | -.286 | .074 | -.056 | -.593 | 80 | 921 | -.275 | .069 | -.082 | -.576 | 90 | 129 | -.348 | .165 | .056 | -1.193 |
| 80 | 708 | -.298 | .110 | -.013 | -1.205 | 80 | 922 | -.295 | .066 | -.120 | -.828 | 90 | 130 | -.350 | .171 | .011 | -1.372 |
| 80 | 709 | -.279 | .083 | -.085 | -.989 | 80 | 923 | -.364 | .116 | -.093 | -1.260 | 90 | 131 | -.262 | .122 | .054 | -.889 |
| 80 | 710 | -.260 | .063 | -.120 | -.641 | 80 | 924 | -.348 | .114 | -.058 | -1.239 | 90 | 132 | -.271 | .124 | .080 | -1.119 |
| 80 | 711 | -.246 | .085 | -.082 | -.681 | 80 | 925 | -.344 | .113 | -.046 | -1.180 | 90 | 133 | -.629 | .234 | -.167 | -1.748 |
| 80 | 712 | -.277 | .077 | -.075 | -.794 | 80 | 926 | -.390 | .127 | -.082 | -1.184 | 90 | 134 | -.599 | .235 | -.188 | -1.791 |
| 80 | 713 | -.278 | .075 | -.080 | -.767 | 80 | 927 | -.374 | .123 | -.070 | -1.093 | 90 | 135 | -.474 | .202 | -.032 | -1.554 |
| 80 | 714 | -.273 | .093 | -.025 | -.853 | 80 | 928 | -.362 | .117 | -.063 | -1.155 | 90 | 136 | -.278 | .153 | .086 | -1.002 |
| 80 | 715 | -.294 | .080 | -.115 | -.723 | 80 | 929 | -.456 | .099 | -.089 | -.817 | 90 | 137 | -.263 | .108 | .108 | -.833 |
| 80 | 716 | -.263 | .094 | -.054 | -.862 | 80 | 930 | -.437 | .090 | -.102 | -.764 | 90 | 138 | -.253 | .105 | -.012 | -.846 |
| 80 | 717 | -.428 | .127 | -.047 | -1.061 | 80 | 931 | -.383 | .086 | -.077 | -.805 | 90 | 139 | -.207 | .078 | -.015 | -.609 |
| 80 | 718 | -.480 | .184 | -.061 | -1.521 | 80 | 932 | -.426 | .091 | -.097 | -.761 | 90 | 140 | -.224 | .077 | -.073 | -.606 |
| 80 | 719 | -.453 | .197 | -.105 | -1.597 | 80 | 933 | -.387 | .084 | -.091 | -.721 | 90 | 141 | -.545 | .176 | -.162 | -1.343 |
| 80 | 720 | -.370 | .143 | -.020 | -1.167 | 80 | 934 | -.489 | .113 | -.148 | -1.002 | 90 | 142 | -.544 | .181 | -.084 | -1.319 |
| 80 | 721 | -.334 | .106 | -.058 | -1.107 | 80 | 935 | -.555 | .117 | -.219 | -1.210 | 90 | 143 | -.359 | .195 | -.022 | -1.247 |
| 80 | 722 | -.322 | .105 | -.045 | -.923 | 80 | 936 | -.532 | .129 | -.159 | -1.167 | 90 | 144 | -.189 | .092 | .105 | -.648 |
| 80 | 723 | -.273 | .090 | -.049 | -.881 | 80 | 937 | -.575 | .109 | -.205 | -.978 | 90 | 145 | -.188 | .064 | -.003 | -.560 |
| 80 | 724 | -.279 | .095 | .038 | -.846 | 80 | 938 | -.535 | .090 | -.249 | -.916 | 90 | 146 | -.205 | .071 | -.053 | -.660 |
| 80 | 725 | -.400 | .068 | -.208 | -.778 | 80 | 939 | -.528 | .101 | -.269 | -.985 | 90 | 147 | -.506 | .260 | -.065 | -2.046 |
| 80 | 726 | -.347 | .088 | -.145 | -.835 | 80 | 940 | -.532 | .100 | -.204 | -.922 | 90 | 148 | -.475 | .234 | -.022 | -1.676 |
| 80 | 727 | -.383 | .097 | -.149 | -.833 | 80 | 941 | -.519 | .080 | -.245 | -.811 | 90 | 149 | -.191 | .153 | .146 | -1.157 |
| 80 | 728 | -.364 | .112 | -.014 | -.761 | 80 | 942 | -.520 | .091 | -.259 | -1.042 | 90 | 150 | -.130 | .063 | .061 | -.538 |
| 80 | 729 | -.205 | .105 | .168 | -.709 | 90 | 101 | -.586 | .199 | -.267 | -1.751 | 90 | 151 | -.176 | .057 | -.000 | -.436 |
| 80 | 730 | -.423 | .124 | -.018 | -.979 | 90 | 102 | -.573 | .142 | -.277 | -1.174 | 90 | 152 | -.201 | .065 | .009 | -.474 |
| 80 | 731 | -.374 | .105 | -.078 | -1.065 | 90 | 103 | -.573 | .135 | -.079 | -1.181 | 90 | 153 | .180 | .080 | .490 | -.093 |
| 80 | 732 | -.091 | .076 | .152 | -.566 | 90 | 104 | -.475 | .149 | .001 | -1.226 | 90 | 154 | .179 | .085 | .513 | -.165 |
| 80 | 733 | -.593 | .134 | -.266 | -1.146 | 90 | 105 | -.374 | .134 | .087 | -.967 | 90 | 155 | .209 | .091 | .566 | -.079 |
| 80 | 734 | -.578 | .147 | -.207 | -1.221 | 90 | 106 | -.362 | .139 | .016 | -1.058 | 90 | 156 | .229 | .093 | .588 | .018 |
| 80 | 735 | -.329 | .086 | -.050 | -.668 | 90 | 107 | -.576 | .195 | -.216 | -1.673 | 90 | 157 | -.275 | .100 | -.038 | -.721 |
| 80 | 736 | -.512 | .138 | -.211 | -1.257 | 90 | 108 | -.579 | .181 | -.218 | -1.495 | 90 | 158 | -.294 | .107 | -.057 | -.895 |
| 80 | 901 | -.303 | .087 | -.017 | -.714 | 90 | 109 | -.573 | .135 | -.177 | -1.091 | 90 | 159 | -.293 | .106 | -.024 | -.743 |
| 80 | 902 | -.239 | .071 | .014 | -.535 | 90 | 110 | -.480 | .154 | .047 | -1.243 | 90 | 160 | -.270 | .096 | .027 | -.724 |
| 80 | 903 | -.371 | .084 | -.140 | -.754 | 90 | 111 | -.392 | .150 | .079 | -1.034 | 90 | 161 | -.292 | .113 | -.026 | -.819 |
| 80 | 904 | -.078 | .062 | .232 | -.283 | 90 | 112 | -.411 | .157 | .018 | -1.142 | 90 | 162 | -.264 | .086 | -.041 | -.686 |
| 80 | 905 | -.066 | .069 | .287 | -.358 | 90 | 113 | -.509 | .153 | -.110 | -1.323 | 90 | 163 | -.273 | .094 | -.033 | -.805 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 | 164 | -.281 | .101 | -.046 | -.819 | 90 | 236 | .346 | .106 | .766 | .103 | 90 | 306 | -.624 | .213 | -.254 | -1.723 |
| 90 | 165 | -.250 | .084 | -.084 | -.665 | 90 | 237 | .158 | .094 | .500 | -.156 | 90 | 307 | -.341 | .121 | .004 | -.905 |
| 90 | 166 | -.265 | .095 | -.075 | -.765 | 90 | 238 | .109 | .093 | .473 | -.238 | 90 | 308 | -.344 | .124 | .035 | -.924 |
| 90 | 167 | -.241 | .085 | -.077 | -.658 | 90 | 239 | .129 | .099 | .533 | -.195 | 90 | 309 | -.444 | .151 | .015 | -1.156 |
| 90 | 168 | -.251 | .090 | -.067 | -.688 | 90 | 240 | .210 | .101 | .629 | -.060 | 90 | 310 | -.572 | .146 | -.100 | -1.105 |
| 90 | 169 | -.240 | .087 | -.058 | -.663 | 90 | 241 | .126 | .096 | .502 | -.222 | 90 | 311 | -.612 | .218 | -.187 | -1.597 |
| 90 | 170 | -.214 | .077 | -.053 | -.715 | 90 | 242 | .261 | .090 | .697 | .015 | 90 | 312 | -.615 | .226 | -.186 | -1.623 |
| 90 | 171 | -.251 | .085 | -.058 | -.862 | 90 | 243 | .383 | .114 | .958 | .122 | 90 | 313 | -.419 | .180 | .007 | -1.128 |
| 90 | 172 | -.267 | .090 | -.038 | -.949 | 90 | 244 | .239 | .087 | .561 | .020 | 90 | 314 | -.411 | .174 | .059 | -1.160 |
| 90 | 173 | -.249 | .078 | -.059 | -.587 | 90 | 245 | .068 | .073 | .410 | -.224 | 90 | 315 | -.483 | .172 | .108 | -1.213 |
| 90 | 174 | -.239 | .090 | -.041 | -.760 | 90 | 246 | -.046 | .071 | .237 | -.355 | 90 | 316 | -.562 | .183 | -.056 | -1.360 |
| 90 | 175 | -.191 | .076 | -.011 | -.683 | 90 | 247 | .250 | .096 | .655 | -.013 | 90 | 317 | -.539 | .177 | -.067 | -1.532 |
| 90 | 176 | -.231 | .091 | -.060 | -.937 | 90 | 248 | .124 | .062 | .402 | -.083 | 90 | 318 | -.536 | .178 | -.058 | -1.538 |
| 90 | 177 | -.221 | .078 | -.040 | -.641 | 90 | 249 | .002 | .060 | .258 | -.265 | 90 | 319 | -.383 | .198 | .010 | -1.319 |
| 90 | 178 | -.218 | .095 | -.007 | -.767 | 90 | 250 | .137 | .226 | .828 | -.766 | 90 | 320 | -.378 | .180 | .059 | -1.080 |
| 90 | 201 | .096 | .093 | .432 | -.212 | 90 | 251 | -.135 | .279 | .886 | -.937 | 90 | 321 | -.435 | .175 | .005 | -1.277 |
| 90 | 202 | .238 | .099 | .549 | -.073 | 90 | 252 | -.350 | .178 | .387 | -.987 | 90 | 322 | -.530 | .202 | -.030 | -1.363 |
| 90 | 203 | .276 | .104 | .592 | -.058 | 90 | 253 | .020 | .196 | .661 | -.726 | 90 | 323 | -.578 | .260 | -.117 | -1.884 |
| 90 | 204 | .259 | .102 | .554 | -.065 | 90 | 254 | -.223 | .148 | .422 | -.822 | 90 | 324 | -.576 | .262 | -.102 | -1.889 |
| 90 | 205 | .235 | .096 | .526 | -.067 | 90 | 255 | .059 | .161 | .637 | -.514 | 90 | 325 | -.381 | .191 | .044 | -1.284 |
| 90 | 206 | .089 | .084 | .344 | -.182 | 90 | 256 | -.162 | .202 | .529 | -.934 | 90 | 326 | -.370 | .169 | .058 | -1.090 |
| 90 | 207 | .032 | .113 | .485 | -.362 | 90 | 257 | -.172 | .145 | .413 | -.659 | 90 | 327 | -.396 | .180 | -.010 | -1.227 |
| 90 | 208 | .314 | .110 | .676 | -.063 | 90 | 258 | .120 | .140 | .624 | -.353 | 90 | 328 | -.386 | .167 | .069 | -1.247 |
| 90 | 209 | .440 | .119 | .765 | -.019 | 90 | 259 | -.096 | .138 | .289 | -.626 | 90 | 329 | -.371 | .178 | .049 | -1.393 |
| 90 | 210 | .444 | .105 | .806 | .096 | 90 | 260 | .136 | .116 | .639 | -.374 | 90 | 330 | -.362 | .156 | .078 | -1.197 |
| 90 | 211 | .286 | .099 | .575 | -.070 | 90 | 261 | -.055 | .134 | .363 | -.637 | 90 | 331 | -.393 | .138 | -.047 | -.987 |
| 90 | 212 | .104 | .088 | .451 | -.208 | 90 | 262 | .258 | .139 | .752 | -.316 | 90 | 332 | -.466 | .173 | -.088 | -1.150 |
| 90 | 213 | .040 | .104 | .358 | -.473 | 90 | 263 | .198 | .160 | .738 | -.351 | 90 | 333 | -.459 | .185 | -.030 | -2.011 |
| 90 | 214 | .360 | .105 | .724 | .047 | 90 | 264 | -.175 | .107 | .344 | -.511 | 90 | 334 | -.426 | .161 | -.073 | -1.660 |
| 90 | 215 | .584 | .127 | .961 | .196 | 90 | 265 | .065 | .127 | .579 | -.384 | 90 | 336 | -.447 | .162 | .136 | -1.367 |
| 90 | 216 | .569 | .123 | .912 | .198 | 90 | 266 | -.086 | .053 | .205 | -.298 | 90 | 337 | -.383 | .143 | .039 | -1.531 |
| 90 | 217 | .309 | .100 | .609 | -.071 | 90 | 267 | .097 | .097 | .499 | -.190 | 90 | 338 | -.296 | .145 | .316 | -.865 |
| 90 | 218 | .122 | .093 | .422 | -.250 | 90 | 268 | -.035 | .055 | .275 | -.216 | 90 | 339 | -.258 | .134 | .223 | -.818 |
| 90 | 219 | .056 | .120 | .453 | -.409 | 90 | 269 | -.047 | .099 | .281 | -.451 | 90 | 340 | -.227 | .140 | .228 | -.727 |
| 90 | 220 | .291 | .115 | .658 | -.059 | 90 | 270 | .067 | .093 | .444 | -.242 | 90 | 341 | -.206 | .135 | .239 | -.638 |
| 90 | 221 | .549 | .132 | .931 | .193 | 90 | 271 | .189 | .094 | .602 | -.093 | 90 | 342 | -.184 | .130 | .258 | -.675 |
| 90 | 222 | .522 | .128 | .909 | .176 | 90 | 272 | .232 | .104 | .629 | -.149 | 90 | 343 | -.149 | .131 | .322 | -.553 |
| 90 | 223 | .255 | .105 | .547 | -.088 | 90 | 273 | .212 | .100 | .664 | -.100 | 90 | 344 | -.139 | .123 | .271 | -.585 |
| 90 | 224 | .033 | .100 | .298 | -.348 | 90 | 274 | .204 | .094 | .626 | -.121 | 90 | 345 | -.104 | .121 | .372 | -.481 |
| 90 | 225 | .065 | .099 | .461 | -.251 | 90 | 275 | -.100 | .064 | .156 | -.463 | 90 | 346 | -.096 | .114 | .353 | -.471 |
| 90 | 226 | .291 | .108 | .682 | -.024 | 90 | 276 | .014 | .062 | .312 | -.159 | 90 | 347 | -.252 | .110 | .094 | -.968 |
| 90 | 227 | .473 | .134 | .993 | .117 | 90 | 277 | .201 | .082 | .510 | .012 | 90 | 348 | -.300 | .121 | .047 | -.986 |
| 90 | 228 | .461 | .132 | 1.024 | .080 | 90 | 278 | .258 | .093 | .651 | .025 | 90 | 349 | -.353 | .140 | .021 | -1.212 |
| 90 | 229 | .229 | .105 | .568 | -.068 | 90 | 279 | .254 | .091 | .633 | .014 | 90 | 350 | -.486 | .152 | -.087 | -1.244 |
| 90 | 230 | .046 | .103 | .410 | -.350 | 90 | 280 | .264 | .095 | .654 | -.025 | 90 | 351 | -.638 | .197 | -.137 | -1.317 |
| 90 | 231 | .091 | .114 | .533 | -.250 | 90 | 301 | -.316 | .110 | .028 | -.808 | 90 | 352 | -.835 | .230 | -.185 | -1.758 |
| 90 | 232 | .250 | .113 | .686 | -.065 | 90 | 302 | -.355 | .131 | .108 | -.885 | 90 | 353 | -.263 | .092 | -.005 | -.728 |
| 90 | 233 | .083 | .106 | .495 | -.248 | 90 | 303 | -.482 | .147 | -.095 | -1.094 | 90 | 354 | -.273 | .100 | .055 | -.833 |
| 90 | 234 | .245 | .095 | .638 | -.031 | 90 | 304 | -.574 | .142 | -.169 | -1.180 | 90 | 355 | -.250 | .075 | -.048 | -.595 |
| 90 | 235 | .367 | .106 | .782 | .132 | 90 | 305 | -.599 | .164 | -.262 | -1.282 | 90 | 356 | -.259 | .073 | -.037 | -.570 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 | 357 | -.314 | .081 | -.099 | -.617 | 90 | 407 | -.437 | .137 | -.092 | -.993 | 90 | 549 | -.281 | .088 | -.068 | -.764 |
| 90 | 358 | -.446 | .114 | -.137 | -.843 | 90 | 408 | -.385 | .117 | -.070 | -1.057 | 90 | 550 | -.221 | .078 | -.028 | -.644 |
| 90 | 359 | -.708 | .197 | -.230 | -1.633 | 90 | 501 | -.349 | .116 | -.051 | -.853 | 90 | 551 | -.239 | .065 | -.083 | -.604 |
| 90 | 360 | -.733 | .208 | -.229 | -1.613 | 90 | 502 | -.342 | .111 | .018 | -.818 | 90 | 552 | -.257 | .082 | -.070 | -.816 |
| 90 | 361 | -.241 | .074 | -.032 | -.569 | 90 | 503 | -.338 | .092 | -.043 | -.797 | 90 | 553 | -.266 | .104 | -.048 | -.958 |
| 90 | 362 | -.239 | .072 | .026 | -.560 | 90 | 504 | -.330 | .093 | -.045 | -1.129 | 90 | 554 | -.220 | .105 | -.007 | -.857 |
| 90 | 363 | -.304 | .092 | .030 | -.819 | 90 | 505 | -.322 | .108 | -.002 | -.789 | 90 | 555 | -.236 | .089 | -.019 | -.995 |
| 90 | 364 | -.544 | .160 | -.081 | -1.194 | 90 | 506 | -.321 | .098 | -.034 | -.740 | 90 | 556 | -.253 | .094 | -.012 | -1.008 |
| 90 | 365 | -.503 | .155 | -.131 | -1.100 | 90 | 507 | -.334 | .113 | -.054 | -.938 | 90 | 557 | -.256 | .085 | -.010 | -.603 |
| 90 | 366 | -.423 | .125 | -.114 | -.979 | 90 | 508 | -.323 | .105 | .029 | -.833 | 90 | 558 | -.200 | .073 | .013 | -.500 |
| 90 | 367 | -.502 | .155 | -.134 | -1.096 | 90 | 509 | -.324 | .092 | -.060 | -.715 | 90 | 559 | -.218 | .059 | -.071 | -.544 |
| 90 | 368 | -.127 | .085 | .286 | -.405 | 90 | 510 | -.320 | .088 | -.048 | -.730 | 90 | 560 | -.227 | .061 | -.067 | -.594 |
| 90 | 369 | -.290 | .092 | -.052 | -.752 | 90 | 511 | -.297 | .097 | -.021 | -.718 | 90 | 561 | -.247 | .081 | -.033 | -.658 |
| 90 | 370 | -.067 | .052 | .159 | -.273 | 90 | 512 | -.325 | .109 | -.027 | -1.101 | 90 | 562 | -.202 | .077 | .017 | -.565 |
| 90 | 371 | -.088 | .060 | .213 | -.311 | 90 | 513 | -.362 | .124 | -.064 | -.854 | 90 | 563 | -.259 | .082 | -.066 | -.659 |
| 90 | 372 | -.045 | .057 | .208 | -.272 | 90 | 514 | -.314 | .097 | -.039 | -.774 | 90 | 564 | -.269 | .082 | -.052 | -.702 |
| 90 | 373 | -.137 | .074 | .106 | -.473 | 90 | 515 | -.277 | .072 | -.092 | -.646 | 90 | 565 | -.245 | .074 | -.066 | -.552 |
| 90 | 374 | -.240 | .074 | -.044 | -.632 | 90 | 516 | -.281 | .071 | -.100 | -.582 | 90 | 566 | -.266 | .075 | -.060 | -.611 |
| 90 | 375 | -.250 | .076 | -.038 | -.631 | 90 | 517 | -.310 | .101 | -.037 | -.813 | 90 | 567 | -.233 | .074 | -.047 | -.555 |
| 90 | 376 | -.310 | .088 | -.026 | -.774 | 90 | 518 | -.339 | .131 | .031 | -.880 | 90 | 568 | -.241 | .090 | -.056 | -.893 |
| 90 | 377 | -.489 | .127 | -.161 | -1.058 | 90 | 519 | -.333 | .130 | -.008 | -.895 | 90 | 569 | -.258 | .092 | -.054 | -1.108 |
| 90 | 378 | -.636 | .132 | -.306 | -1.128 | 90 | 520 | -.312 | .108 | -.016 | -.914 | 90 | 570 | -.248 | .077 | -.068 | -.613 |
| 90 | 379 | -.630 | .153 | -.282 | -1.392 | 90 | 521 | -.236 | .063 | -.054 | -.571 | 90 | 571 | -.208 | .073 | -.021 | -.560 |
| 90 | 380 | -.229 | .068 | -.024 | -.666 | 90 | 522 | -.245 | .061 | -.067 | -.579 | 90 | 572 | -.227 | .078 | -.021 | -.586 |
| 90 | 381 | -.231 | .065 | -.043 | -.531 | 90 | 523 | -.278 | .098 | -.028 | -.794 | 90 | 573 | -.247 | .081 | -.029 | -.788 |
| 90 | 382 | -.216 | .062 | -.042 | -.533 | 90 | 524 | -.263 | .119 | .015 | -.849 | 90 | 574 | -.236 | .078 | -.060 | -.565 |
| 90 | 383 | -.200 | .059 | -.039 | -.490 | 90 | 525 | -.257 | .090 | -.016 | -.708 | 90 | 575 | -.194 | .082 | .001 | -.811 |
| 90 | 384 | -.268 | .075 | -.051 | -.636 | 90 | 526 | -.298 | .116 | -.001 | -.821 | 90 | 576 | -.197 | .072 | -.011 | -.557 |
| 90 | 385 | -.466 | .121 | -.174 | -.897 | 90 | 527 | -.265 | .089 | -.063 | -.714 | 90 | 577 | -.238 | .071 | -.085 | -.670 |
| 90 | 386 | -.555 | .133 | -.242 | -1.160 | 90 | 528 | -.236 | .099 | -.033 | -.672 | 90 | 578 | -.233 | .067 | -.085 | -.636 |
| 90 | 387 | -.549 | .138 | -.227 | -1.271 | 90 | 529 | -.277 | .105 | -.051 | -.746 | 90 | 579 | -.167 | .056 | -.007 | -.404 |
| 90 | 388 | -.208 | .061 | -.063 | -.434 | 90 | 530 | -.274 | .092 | -.059 | -.685 | 90 | 580 | -.207 | .062 | -.004 | -.524 |
| 90 | 389 | -.211 | .058 | -.041 | -.521 | 90 | 531 | -.274 | .087 | -.009 | -.575 | 90 | 581 | -.223 | .070 | -.034 | -.508 |
| 90 | 390 | -.268 | .072 | -.037 | -.599 | 90 | 532 | -.243 | .065 | -.068 | -.558 | 90 | 582 | -.218 | .068 | -.033 | -.503 |
| 90 | 391 | -.431 | .106 | -.143 | -.801 | 90 | 533 | -.196 | .063 | -.021 | -.519 | 90 | 583 | -.167 | .067 | -.002 | -.486 |
| 90 | 392 | -.581 | .148 | -.247 | -1.367 | 90 | 534 | -.271 | .099 | -.060 | -.927 | 90 | 584 | -.215 | .076 | -.026 | -.594 |
| 90 | 393 | -.617 | .158 | -.245 | -1.478 | 90 | 535 | -.288 | .114 | .044 | -.786 | 90 | 585 | -.227 | .079 | -.064 | -.692 |
| 90 | 394 | -.232 | .068 | .002 | -.490 | 90 | 536 | -.298 | .109 | -.039 | -.839 | 90 | 586 | -.219 | .074 | -.070 | -.656 |
| 90 | 395 | -.231 | .069 | -.027 | -.588 | 90 | 537 | -.278 | .092 | -.035 | -.701 | 90 | 587 | -.154 | .063 | .063 | -.596 |
| 90 | 396 | -.289 | .078 | -.105 | -.594 | 90 | 538 | -.235 | .095 | .001 | -.569 | 90 | 588 | -.214 | .075 | -.046 | -.547 |
| 90 | 397 | -.302 | .083 | -.098 | -.638 | 90 | 539 | -.254 | .088 | -.031 | -.609 | 90 | 589 | -.220 | .076 | -.044 | -.647 |
| 90 | 398 | -.315 | .079 | -.132 | -.623 | 90 | 540 | -.264 | .088 | -.082 | -.662 | 90 | 590 | -.216 | .075 | -.050 | -.653 |
| 90 | 399 | -.323 | .078 | -.133 | -.637 | 90 | 541 | -.257 | .085 | -.045 | -.631 | 90 | 591 | -.172 | .076 | .015 | -.541 |
| 90 | 400 | -.483 | .135 | -.154 | -1.049 | 90 | 542 | -.205 | .078 | -.014 | -.524 | 90 | 592 | -.188 | .076 | .006 | -.646 |
| 90 | 401 | -.487 | .172 | -.151 | -1.339 | 90 | 543 | -.224 | .083 | -.024 | -.703 | 90 | 593 | -.185 | .066 | .082 | -.705 |
| 90 | 402 | -.477 | .147 | -.105 | -1.170 | 90 | 544 | -.239 | .082 | -.034 | -.740 | 90 | 594 | -.205 | .075 | .060 | -.679 |
| 90 | 403 | -.244 | .057 | -.080 | -.458 | 90 | 545 | -.223 | .077 | -.050 | -.573 | 90 | 595 | -.175 | .069 | -.031 | -.751 |
| 90 | 404 | -.218 | .051 | -.041 | -.417 | 90 | 546 | -.176 | .075 | .001 | -.560 | 90 | 596 | -.218 | .082 | -.031 | -.587 |
| 90 | 405 | -.190 | .052 | .013 | -.368 | 90 | 547 | -.235 | .080 | -.026 | -.576 | 90 | 597 | -.329 | .095 | -.064 | -.707 |
| 90 | 406 | -.056 | .075 | .245 | -.329 | 90 | 548 | -.251 | .081 | -.049 | -.604 | 90 | 598 | -.325 | .092 | -.082 | -.679 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 | 599 | -.255 | .080 | -.060 | -.557 | 90 | 913 | -.250 | .070 | -.071 | -.665 | 100 | 121 | -.337 | .088 | -.108 | -.868 |
| 90 | 600 | -.305 | .085 | -.094 | -.618 | 90 | 914 | -.146 | .079 | .344 | -.500 | 100 | 122 | -.369 | .105 | -.088 | -.984 |
| 90 | 701 | .171 | .088 | .669 | -.207 | 90 | 915 | -.162 | .072 | .142 | -.490 | 100 | 123 | -.408 | .145 | .037 | -1.364 |
| 90 | 702 | -.577 | .196 | -.244 | -1.702 | 90 | 916 | -.174 | .070 | .097 | -.483 | 100 | 124 | -.420 | .164 | .025 | -1.452 |
| 90 | 703 | -.496 | .157 | -.148 | -1.470 | 90 | 917 | -.295 | .104 | .174 | -.809 | 100 | 125 | -.364 | .084 | -.149 | -.782 |
| 90 | 704 | -.570 | .185 | -.172 | -1.534 | 90 | 918 | -.607 | .176 | -.097 | -1.394 | 100 | 126 | -.360 | .084 | -.146 | -.768 |
| 90 | 705 | -.651 | .251 | -.155 | -1.781 | 90 | 919 | -.606 | .181 | -.138 | -1.407 | 100 | 127 | -.374 | .096 | -.161 | -.923 |
| 90 | 706 | -.626 | .275 | -.052 | -1.861 | 90 | 920 | -.247 | .079 | .034 | -.613 | 100 | 128 | -.381 | .111 | -.071 | -1.070 |
| 90 | 707 | -.378 | .149 | -.008 | -1.081 | 90 | 921 | -.263 | .077 | -.019 | -.626 | 100 | 129 | -.403 | .129 | -.022 | -1.050 |
| 90 | 708 | -.453 | .231 | .059 | -1.735 | 90 | 922 | -.270 | .079 | -.079 | -.754 | 100 | 130 | -.406 | .139 | -.022 | -1.101 |
| 90 | 709 | -.356 | .173 | -.040 | -1.323 | 90 | 923 | -.282 | .123 | .099 | -.793 | 100 | 131 | -.372 | .120 | -.014 | -.861 |
| 90 | 710 | -.269 | .103 | -.060 | -.869 | 90 | 924 | -.271 | .122 | .063 | -.862 | 100 | 132 | -.386 | .135 | -.072 | -1.069 |
| 90 | 711 | -.227 | .079 | .001 | -.552 | 90 | 925 | -.303 | .123 | .015 | -1.071 | 100 | 133 | -.437 | .128 | -.154 | -1.164 |
| 90 | 712 | -.295 | .111 | .018 | -.800 | 90 | 926 | -.419 | .166 | .004 | -1.351 | 100 | 134 | -.444 | .139 | -.174 | -1.494 |
| 90 | 713 | -.275 | .102 | -.045 | -.782 | 90 | 927 | -.520 | .208 | -.112 | -1.455 | 100 | 135 | -.433 | .131 | .011 | -1.404 |
| 90 | 714 | -.236 | .087 | -.053 | -.688 | 90 | 928 | -.493 | .200 | -.089 | -1.538 | 100 | 136 | -.358 | .119 | -.048 | -.896 |
| 90 | 715 | -.267 | .085 | -.068 | -.726 | 90 | 929 | -.455 | .105 | -.104 | -.902 | 100 | 137 | -.329 | .112 | .009 | -.855 |
| 90 | 716 | -.226 | .098 | -.032 | -.960 | 90 | 930 | -.439 | .092 | -.090 | -.770 | 100 | 138 | -.339 | .114 | -.057 | -.915 |
| 90 | 717 | -.346 | .118 | -.000 | -.985 | 90 | 931 | -.462 | .119 | -.082 | -.881 | 100 | 139 | -.285 | .088 | -.071 | -.639 |
| 90 | 718 | -.407 | .197 | .013 | -1.347 | 90 | 932 | -.432 | .099 | -.028 | -.781 | 100 | 140 | -.288 | .084 | -.098 | -.651 |
| 90 | 719 | -.346 | .159 | -.030 | -1.075 | 90 | 933 | -.465 | .113 | -.010 | -.839 | 100 | 141 | -.465 | .151 | -.127 | -1.235 |
| 90 | 720 | -.275 | .116 | .014 | -.912 | 90 | 934 | -.600 | .155 | -.163 | -1.261 | 100 | 142 | -.471 | .154 | -.138 | -1.282 |
| 90 | 721 | -.271 | .097 | -.056 | -.952 | 90 | 935 | -.650 | .145 | -.180 | -1.389 | 100 | 143 | -.392 | .146 | -.031 | -1.045 |
| 90 | 722 | -.232 | .073 | .002 | -.601 | 90 | 936 | -.568 | .127 | -.053 | -1.041 | 100 | 144 | -.255 | .103 | -.007 | -.795 |
| 90 | 723 | -.202 | .065 | -.041 | -.550 | 90 | 937 | -.604 | .117 | -.257 | -1.215 | 100 | 145 | -.235 | .065 | -.050 | -.480 |
| 90 | 724 | -.215 | .072 | -.051 | -.616 | 90 | 938 | -.584 | .098 | -.299 | -1.198 | 100 | 146 | -.253 | .069 | -.041 | -.536 |
| 90 | 725 | -.628 | .215 | -.203 | -1.504 | 90 | 939 | -.619 | .127 | -.236 | -1.289 | 100 | 147 | -.495 | .191 | -.045 | -1.642 |
| 90 | 726 | -.539 | .200 | -.056 | -1.604 | 90 | 940 | -.560 | .105 | -.242 | -.953 | 100 | 148 | -.472 | .173 | -.048 | -1.175 |
| 90 | 727 | -.423 | .155 | -.037 | -1.683 | 90 | 941 | -.570 | .096 | -.267 | -.905 | 100 | 149 | -.247 | .132 | .156 | -.761 |
| 90 | 728 | -.237 | .128 | .286 | -.735 | 90 | 942 | -.589 | .118 | -.258 | -1.180 | 100 | 150 | -.165 | .072 | .060 | -.535 |
| 90 | 729 | -.112 | .108 | .270 | -.454 | 100 | 101 | -.352 | .061 | -.139 | -.701 | 100 | 151 | -.206 | .058 | -.043 | -.515 |
| 90 | 730 | -.417 | .107 | -.096 | -.908 | 100 | 102 | -.367 | .064 | -.147 | -.678 | 100 | 152 | -.233 | .065 | -.065 | -.510 |
| 90 | 731 | -.418 | .128 | -.109 | -1.085 | 100 | 103 | -.387 | .083 | -.139 | -.799 | 100 | 153 | .188 | .078 | .531 | -.040 |
| 90 | 732 | -.059 | .061 | .159 | -.304 | 100 | 104 | -.379 | .102 | -.001 | -.998 | 100 | 154 | .185 | .081 | .535 | -.020 |
| 90 | 733 | -.602 | .147 | -.220 | -1.328 | 100 | 105 | -.372 | .113 | .011 | -.920 | 100 | 155 | .202 | .088 | .562 | -.066 |
| 90 | 734 | -.626 | .162 | -.223 | -1.368 | 100 | 106 | -.401 | .135 | -.024 | -1.066 | 100 | 156 | .223 | .090 | .566 | -.031 |
| 90 | 735 | -.318 | .081 | -.105 | -.645 | 100 | 107 | -.355 | .069 | -.172 | -1.350 | 100 | 157 | -.315 | .084 | -.049 | -.693 |
| 90 | 736 | -.407 | .128 | -.126 | -1.290 | 100 | 108 | -.358 | .069 | -.172 | -1.174 | 100 | 158 | -.339 | .088 | -.045 | -.801 |
| 90 | 901 | -.288 | .098 | -.062 | -.767 | 100 | 109 | -.371 | .084 | -.108 | -.972 | 100 | 159 | -.324 | .086 | -.071 | -.703 |
| 90 | 902 | -.206 | .076 | .001 | -.546 | 100 | 110 | -.363 | .092 | -.050 | -1.062 | 100 | 160 | -.311 | .085 | -.020 | -.693 |
| 90 | 903 | -.395 | .094 | -.161 | -.697 | 100 | 111 | -.381 | .114 | .077 | -.868 | 100 | 161 | -.332 | .100 | -.030 | -.837 |
| 90 | 904 | -.049 | .054 | .204 | -.217 | 100 | 112 | -.408 | .133 | .018 | -1.025 | 100 | 162 | -.301 | .082 | -.066 | -.649 |
| 90 | 905 | -.006 | .060 | .296 | -.273 | 100 | 113 | -.310 | .061 | -.135 | -.594 | 100 | 163 | -.304 | .094 | -.050 | -.657 |
| 90 | 906 | -.028 | .075 | .228 | -.316 | 100 | 114 | -.312 | .061 | -.133 | -.630 | 100 | 164 | -.328 | .098 | -.046 | -.798 |
| 90 | 907 | .090 | .081 | .430 | -.249 | 100 | 115 | -.339 | .079 | -.113 | -.828 | 100 | 165 | -.289 | .080 | -.076 | -.646 |
| 90 | 908 | .352 | .103 | .798 | .096 | 100 | 116 | -.371 | .091 | -.102 | -.866 | 100 | 166 | -.304 | .090 | -.065 | -.725 |
| 90 | 909 | .428 | .126 | .985 | .123 | 100 | 117 | -.424 | .133 | -.052 | -1.129 | 100 | 167 | -.259 | .079 | -.068 | -.699 |
| 90 | 910 | .414 | .123 | .893 | .109 | 100 | 118 | -.415 | .142 | .010 | -1.151 | 100 | 168 | -.275 | .086 | -.081 | -.706 |
| 90 | 911 | -.251 | .072 | -.080 | -.553 | 100 | 119 | -.324 | .079 | -.135 | -1.007 | 100 | 169 | -.259 | .082 | -.069 | -.733 |
| 90 | 912 | -.244 | .075 | -.053 | -.545 | 100 | 120 | -.326 | .079 | -.147 | -1.060 | 100 | 170 | -.260 | .070 | -.048 | -.656 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 | 171 | -.295 | .076 | -.073 | -.766 | 100 | 243 | .392 | .111 | .783 | .129 | 100 | 313 | -.237 | .058 | .027 | -.636 |
| 100 | 172 | -.310 | .079 | -.085 | -.781 | 100 | 244 | .231 | .086 | .633 | .030 | 100 | 314 | -.229 | .067 | .057 | -.644 |
| 100 | 173 | -.273 | .082 | -.066 | -.699 | 100 | 245 | .065 | .075 | .364 | -.171 | 100 | 315 | -.263 | .135 | .096 | -.875 |
| 100 | 174 | -.288 | .086 | -.073 | -.850 | 100 | 246 | -.046 | .077 | .216 | -.366 | 100 | 316 | -.530 | .197 | -.061 | -1.154 |
| 100 | 175 | -.231 | .080 | -.029 | -.708 | 100 | 247 | .237 | .097 | .655 | -.020 | 100 | 317 | -.718 | .158 | -.275 | -1.364 |
| 100 | 176 | -.277 | .098 | -.028 | -.836 | 100 | 248 | .140 | .075 | .455 | -.155 | 100 | 318 | -.709 | .160 | -.271 | -1.371 |
| 100 | 177 | -.257 | .085 | -.008 | -.708 | 100 | 249 | .018 | .071 | .332 | -.208 | 100 | 319 | -.231 | .059 | -.050 | -.775 |
| 100 | 178 | -.265 | .106 | .025 | -1.121 | 100 | 250 | .359 | .158 | .900 | -.234 | 100 | 320 | -.222 | .061 | -.000 | -.721 |
| 100 | 201 | .201 | .108 | .534 | -.151 | 100 | 251 | .195 | .249 | .832 | -.786 | 100 | 321 | -.234 | .110 | -.007 | -.791 |
| 100 | 202 | .340 | .113 | .669 | -.021 | 100 | 252 | -.105 | .203 | .841 | -.799 | 100 | 322 | -.453 | .208 | -.017 | -1.152 |
| 100 | 203 | .312 | .102 | .626 | -.013 | 100 | 253 | .202 | .168 | .753 | -.405 | 100 | 323 | -.730 | .193 | -.183 | -1.535 |
| 100 | 204 | .258 | .094 | .570 | -.063 | 100 | 254 | -.026 | .170 | .506 | -.656 | 100 | 324 | -.728 | .201 | -.157 | -1.950 |
| 100 | 205 | .211 | .087 | .492 | -.091 | 100 | 255 | .175 | .142 | .658 | -.429 | 100 | 325 | -.242 | .069 | -.025 | -.747 |
| 100 | 206 | .054 | .075 | .296 | -.319 | 100 | 256 | .077 | .202 | .832 | -.610 | 100 | 326 | -.238 | .068 | -.093 | -.680 |
| 100 | 207 | .125 | .121 | .643 | -.437 | 100 | 257 | .005 | .155 | .462 | -.588 | 100 | 327 | -.262 | .072 | -.094 | -.896 |
| 100 | 208 | .399 | .118 | .866 | .023 | 100 | 258 | .198 | .127 | .696 | -.232 | 100 | 328 | -.256 | .071 | -.065 | -.790 |
| 100 | 209 | .460 | .121 | .814 | .071 | 100 | 259 | .077 | .146 | .505 | -.450 | 100 | 329 | -.249 | .071 | -.054 | -.865 |
| 100 | 210 | .424 | .102 | .778 | .067 | 100 | 260 | .225 | .117 | .634 | -.270 | 100 | 330 | -.238 | .068 | -.059 | -.787 |
| 100 | 211 | .229 | .090 | .483 | -.100 | 100 | 261 | .116 | .159 | .678 | -.375 | 100 | 331 | -.266 | .104 | -.015 | -.698 |
| 100 | 212 | .078 | .073 | .309 | -.224 | 100 | 262 | .325 | .138 | .830 | -.101 | 100 | 332 | -.532 | .179 | -.018 | -1.235 |
| 100 | 213 | .071 | .105 | .518 | -.376 | 100 | 263 | .309 | .164 | .916 | -.147 | 100 | 333 | -.448 | .247 | .283 | -1.418 |
| 100 | 214 | .412 | .120 | .817 | .040 | 100 | 264 | -.066 | .125 | .455 | -.453 | 100 | 334 | -.477 | .196 | .095 | -1.337 |
| 100 | 215 | .591 | .134 | 1.020 | .199 | 100 | 265 | .110 | .132 | .643 | -.363 | 100 | 336 | -.368 | .235 | .404 | -1.329 |
| 100 | 216 | .533 | .120 | .932 | .121 | 100 | 266 | -.021 | .068 | .329 | -.216 | 100 | 337 | -.300 | .178 | .229 | -1.197 |
| 100 | 217 | .258 | .085 | .540 | -.019 | 100 | 267 | .119 | .092 | .523 | -.186 | 100 | 338 | -.110 | .173 | .415 | -.756 |
| 100 | 218 | .103 | .070 | .392 | -.148 | 100 | 268 | .014 | .059 | .307 | -.146 | 100 | 339 | -.075 | .157 | .433 | -.589 |
| 100 | 219 | .080 | .111 | .503 | -.265 | 100 | 269 | .008 | .095 | .429 | -.333 | 100 | 340 | -.040 | .166 | .491 | -.748 |
| 100 | 220 | .347 | .126 | .751 | -.034 | 100 | 270 | .110 | .088 | .487 | -.135 | 100 | 341 | -.020 | .156 | .415 | -.646 |
| 100 | 221 | .529 | .130 | 1.043 | .191 | 100 | 271 | .217 | .093 | .623 | -.091 | 100 | 342 | -.006 | .150 | .445 | -.604 |
| 100 | 222 | .508 | .114 | .848 | .196 | 100 | 272 | .254 | .101 | .673 | -.065 | 100 | 343 | .012 | .145 | .554 | -.493 |
| 100 | 223 | .222 | .088 | .621 | -.078 | 100 | 273 | .226 | .096 | .645 | -.058 | 100 | 344 | .017 | .136 | .521 | -.435 |
| 100 | 224 | .038 | .073 | .347 | -.332 | 100 | 274 | .221 | .089 | .622 | -.029 | 100 | 345 | .046 | .134 | .511 | -.393 |
| 100 | 225 | .155 | .113 | .569 | -.232 | 100 | 275 | -.050 | .065 | .234 | -.345 | 100 | 346 | .047 | .129 | .525 | -.377 |
| 100 | 226 | .373 | .120 | .758 | .037 | 100 | 276 | .067 | .069 | .371 | -.134 | 100 | 347 | -.206 | .058 | -.035 | -.839 |
| 100 | 227 | .487 | .126 | .855 | .174 | 100 | 277 | .237 | .087 | .581 | .027 | 100 | 348 | -.206 | .056 | -.022 | -.499 |
| 100 | 228 | .429 | .115 | .779 | .136 | 100 | 278 | .293 | .092 | .713 | .066 | 100 | 349 | -.245 | .074 | -.056 | -.804 |
| 100 | 229 | .186 | .086 | .528 | -.095 | 100 | 279 | .276 | .086 | .584 | .058 | 100 | 350 | -.379 | .115 | -.084 | -.817 |
| 100 | 230 | .051 | .073 | .284 | -.224 | 100 | 280 | .246 | .086 | .604 | .044 | 100 | 351 | -.704 | .156 | -.244 | -1.297 |
| 100 | 231 | .227 | .127 | .718 | -.220 | 100 | 301 | -.229 | .050 | -.045 | -.424 | 100 | 352 | -.787 | .182 | -.378 | -1.560 |
| 100 | 232 | .325 | .128 | .820 | .003 | 100 | 302 | -.204 | .047 | -.037 | -.455 | 100 | 353 | -.220 | .053 | -.078 | -.448 |
| 100 | 233 | .211 | .118 | .623 | -.173 | 100 | 303 | -.250 | .062 | -.005 | -.658 | 100 | 354 | -.220 | .051 | -.066 | -.466 |
| 100 | 234 | .329 | .105 | .712 | .047 | 100 | 304 | -.399 | .115 | -.141 | -.800 | 100 | 355 | -.230 | .056 | -.075 | -.479 |
| 100 | 235 | .392 | .110 | .773 | .142 | 100 | 305 | -.677 | .155 | -.259 | -1.250 | 100 | 356 | -.232 | .052 | -.084 | -.469 |
| 100 | 236 | .343 | .104 | .713 | .068 | 100 | 306 | -.962 | .254 | -.312 | -1.784 | 100 | 357 | -.251 | .058 | -.066 | -.484 |
| 100 | 237 | .150 | .087 | .472 | -.115 | 100 | 307 | -.244 | .054 | -.049 | -.568 | 100 | 358 | -.366 | .106 | -.051 | -.732 |
| 100 | 238 | .122 | .083 | .465 | -.222 | 100 | 308 | -.224 | .047 | -.019 | -.571 | 100 | 359 | -.729 | .158 | -.203 | -1.228 |
| 100 | 239 | .230 | .101 | .645 | -.105 | 100 | 309 | -.207 | .053 | .006 | -.542 | 100 | 360 | -.764 | .163 | -.211 | -1.342 |
| 100 | 240 | .285 | .098 | .658 | .023 | 100 | 310 | -.346 | .115 | -.112 | -.852 | 100 | 361 | -.234 | .062 | -.073 | -.508 |
| 100 | 241 | .237 | .099 | .660 | -.122 | 100 | 311 | -.921 | .232 | -.287 | -1.617 | 100 | 362 | -.218 | .055 | -.026 | -.463 |
| 100 | 242 | .321 | .095 | .658 | .084 | 100 | 312 | -1.001 | .249 | -.313 | -1.831 | 100 | 363 | -.227 | .064 | -.031 | -.546 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 | 364 | -.486 | .155 | -.072 | -1.035 | 100 | 506 | -.242 | .062 | -.049 | -.503 | 100 | 556 | -.235 | .065 | -.050 | -.532 |
| 100 | 365 | -.491 | .156 | -.058 | -1.072 | 100 | 507 | -.313 | .086 | -.035 | -.695 | 100 | 557 | -.293 | .078 | -.076 | -.599 |
| 100 | 366 | -.339 | .114 | .007 | -.803 | 100 | 508 | -.291 | .074 | -.036 | -.590 | 100 | 558 | -.258 | .066 | -.081 | -.517 |
| 100 | 367 | -.431 | .136 | -.098 | -1.150 | 100 | 509 | -.282 | .067 | -.033 | -.569 | 100 | 559 | -.232 | .051 | -.086 | -.510 |
| 100 | 368 | -.035 | .101 | .550 | -.366 | 100 | 510 | -.255 | .063 | -.058 | -.597 | 100 | 560 | -.244 | .060 | -.067 | -.694 |
| 100 | 369 | -.212 | .088 | .082 | -.620 | 100 | 511 | -.230 | .059 | -.059 | -.460 | 100 | 561 | -.251 | .071 | -.071 | -.832 |
| 100 | 370 | .005 | .070 | .275 | -.179 | 100 | 512 | -.247 | .063 | -.019 | -.481 | 100 | 562 | -.240 | .066 | -.064 | -.716 |
| 100 | 371 | -.013 | .070 | .270 | -.303 | 100 | 513 | -.317 | .077 | -.094 | -.798 | 100 | 563 | -.267 | .077 | -.079 | -.610 |
| 100 | 372 | .023 | .068 | .296 | -.174 | 100 | 514 | -.271 | .057 | -.092 | -.498 | 100 | 564 | -.274 | .074 | -.078 | -.577 |
| 100 | 373 | -.050 | .086 | .238 | -.391 | 100 | 515 | -.248 | .051 | -.080 | -.443 | 100 | 565 | -.270 | .070 | -.083 | -.622 |
| 100 | 374 | -.221 | .061 | -.022 | -.448 | 100 | 516 | -.253 | .051 | -.127 | -.460 | 100 | 566 | -.262 | .063 | -.109 | -.526 |
| 100 | 375 | -.223 | .059 | -.053 | -.453 | 100 | 517 | -.251 | .054 | -.072 | -.447 | 100 | 567 | -.239 | .063 | -.084 | -.560 |
| 100 | 376 | -.237 | .070 | -.073 | -.533 | 100 | 518 | -.256 | .057 | -.068 | -.533 | 100 | 568 | -.256 | .083 | -.064 | -.782 |
| 100 | 377 | -.366 | .126 | -.101 | -.852 | 100 | 519 | -.314 | .084 | -.076 | -.713 | 100 | 569 | -.266 | .083 | -.065 | -.811 |
| 100 | 378 | -.659 | .127 | -.254 | -1.362 | 100 | 520 | -.288 | .066 | -.087 | -.681 | 100 | 570 | -.282 | .075 | -.076 | -.758 |
| 100 | 379 | -.725 | .160 | -.345 | -1.879 | 100 | 521 | -.230 | .049 | -.076 | -.420 | 100 | 571 | -.263 | .073 | -.084 | -.678 |
| 100 | 380 | -.222 | .055 | -.009 | -.448 | 100 | 522 | -.249 | .054 | -.105 | -.491 | 100 | 572 | -.259 | .077 | -.081 | -.567 |
| 100 | 381 | -.210 | .049 | -.058 | -.405 | 100 | 523 | -.244 | .056 | -.076 | -.526 | 100 | 573 | -.280 | .082 | -.039 | -.658 |
| 100 | 382 | -.221 | .053 | -.050 | -.472 | 100 | 524 | -.221 | .055 | -.050 | -.483 | 100 | 574 | -.262 | .080 | -.066 | -.642 |
| 100 | 383 | -.202 | .051 | -.056 | -.392 | 100 | 525 | -.247 | .064 | -.036 | -.537 | 100 | 575 | -.254 | .081 | -.067 | -.716 |
| 100 | 384 | -.216 | .058 | -.063 | -.530 | 100 | 526 | -.258 | .065 | -.032 | -.585 | 100 | 576 | -.233 | .076 | -.034 | -.704 |
| 100 | 385 | -.367 | .120 | -.117 | -.886 | 100 | 527 | -.284 | .084 | -.073 | -.685 | 100 | 577 | -.278 | .071 | -.103 | -.559 |
| 100 | 386 | -.560 | .140 | -.255 | -1.152 | 100 | 528 | -.260 | .078 | -.062 | -.620 | 100 | 578 | -.267 | .065 | -.106 | -.531 |
| 100 | 387 | -.574 | .135 | -.264 | -1.207 | 100 | 529 | -.323 | .090 | -.076 | -.744 | 100 | 579 | -.240 | .056 | -.052 | -.476 |
| 100 | 388 | -.213 | .056 | -.053 | -.527 | 100 | 530 | -.318 | .081 | -.075 | -.628 | 100 | 580 | -.248 | .063 | -.066 | -.532 |
| 100 | 389 | -.203 | .051 | -.058 | -.403 | 100 | 531 | -.294 | .065 | -.064 | -.595 | 100 | 581 | -.265 | .075 | -.032 | -.575 |
| 100 | 390 | -.258 | .062 | -.089 | -.542 | 100 | 532 | -.278 | .062 | -.096 | -.541 | 100 | 582 | -.253 | .068 | -.028 | -.506 |
| 100 | 391 | -.328 | .102 | -.080 | -.832 | 100 | 533 | -.261 | .065 | -.084 | -.596 | 100 | 583 | -.243 | .067 | -.055 | -.481 |
| 100 | 392 | -.503 | .124 | -.184 | -1.071 | 100 | 534 | -.289 | .095 | -.067 | -.773 | 100 | 584 | -.221 | .064 | -.051 | -.567 |
| 100 | 393 | -.529 | .132 | -.184 | -1.221 | 100 | 535 | -.289 | .088 | -.086 | -.672 | 100 | 585 | -.252 | .079 | -.072 | -.712 |
| 100 | 394 | -.212 | .056 | -.033 | -.494 | 100 | 536 | -.339 | .087 | -.098 | -.712 | 100 | 586 | -.240 | .073 | -.023 | -.687 |
| 100 | 395 | -.212 | .054 | -.041 | -.419 | 100 | 537 | -.324 | .076 | -.081 | -.607 | 100 | 587 | -.210 | .055 | -.043 | -.483 |
| 100 | 396 | -.287 | .061 | -.110 | -.480 | 100 | 538 | -.312 | .086 | -.084 | -.697 | 100 | 588 | -.251 | .076 | -.086 | -.607 |
| 100 | 397 | -.282 | .073 | -.110 | -.584 | 100 | 539 | -.302 | .082 | -.029 | -.607 | 100 | 589 | -.247 | .070 | -.034 | -.587 |
| 100 | 398 | -.269 | .064 | -.094 | -.513 | 100 | 540 | -.310 | .085 | -.067 | -.767 | 100 | 590 | -.242 | .068 | -.051 | -.571 |
| 100 | 399 | -.258 | .072 | -.095 | -.542 | 100 | 541 | -.302 | .081 | -.073 | -.746 | 100 | 591 | -.230 | .079 | -.002 | -.639 |
| 100 | 400 | -.376 | .126 | -.043 | -.858 | 100 | 542 | -.283 | .078 | -.067 | -.579 | 100 | 592 | -.219 | .078 | -.001 | -.827 |
| 100 | 401 | -.376 | .184 | .088 | -1.179 | 100 | 543 | -.283 | .088 | -.071 | -.702 | 100 | 593 | -.218 | .062 | -.029 | -.592 |
| 100 | 402 | -.358 | .147 | -.050 | -1.096 | 100 | 544 | -.291 | .088 | -.095 | -.714 | 100 | 594 | -.238 | .079 | -.056 | -.958 |
| 100 | 403 | -.221 | .051 | -.085 | -.411 | 100 | 545 | -.275 | .087 | -.078 | -.786 | 100 | 595 | -.207 | .069 | -.038 | -.767 |
| 100 | 404 | -.186 | .048 | -.019 | -.362 | 100 | 546 | -.267 | .084 | -.062 | -.784 | 100 | 596 | -.233 | .074 | -.037 | -.669 |
| 100 | 405 | -.129 | .054 | .060 | -.324 | 100 | 547 | -.249 | .080 | -.054 | -.612 | 100 | 597 | -.342 | .077 | -.137 | -.675 |
| 100 | 406 | -.012 | .066 | .280 | -.218 | 100 | 548 | -.266 | .081 | -.057 | -.610 | 100 | 598 | -.333 | .074 | -.114 | -.618 |
| 100 | 407 | -.325 | .156 | .060 | -.938 | 100 | 549 | -.297 | .073 | -.073 | -.617 | 100 | 599 | -.272 | .063 | -.103 | -.517 |
| 100 | 408 | -.283 | .131 | .075 | -.836 | 100 | 550 | -.264 | .064 | -.074 | -.555 | 100 | 600 | -.293 | .064 | -.081 | -.590 |
| 100 | 501 | -.328 | .091 | -.019 | -.722 | 100 | 551 | -.238 | .053 | -.061 | -.445 | 100 | 701 | .185 | .091 | .578 | -.080 |
| 100 | 502 | -.310 | .083 | -.053 | -.700 | 100 | 552 | -.244 | .057 | -.032 | -.529 | 100 | 702 | -.362 | .071 | -.166 | -1.374 |
| 100 | 503 | -.290 | .067 | -.066 | -.516 | 100 | 553 | -.236 | .061 | -.038 | -.506 | 100 | 703 | -.307 | .069 | -.118 | -.656 |
| 100 | 504 | -.256 | .061 | -.050 | -.694 | 100 | 554 | -.215 | .057 | -.019 | -.466 | 100 | 704 | -.359 | .082 | -.156 | -.866 |
| 100 | 505 | -.253 | .071 | -.004 | -.669 | 100 | 555 | -.223 | .064 | -.051 | -.515 | 100 | 705 | -.440 | .133 | -.165 | -1.322 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 | 706 | -.586 | .245 | -.114 | -2.056 | 100 | 920 | -.255 | .061 | -.034 | -.464 | 110 | 128 | -.341 | .071 | -.119 | -.812 |
| 100 | 707 | -.390 | .133 | -.008 | -1.135 | 100 | 921 | -.291 | .065 | -.088 | -.526 | 110 | 129 | -.372 | .087 | -.122 | -1.077 |
| 100 | 708 | -.416 | .153 | -.048 | -1.256 | 100 | 922 | -.277 | .071 | -.110 | -.662 | 110 | 130 | -.365 | .089 | -.114 | -1.070 |
| 100 | 709 | -.408 | .149 | -.037 | -1.218 | 100 | 923 | -.122 | .079 | .158 | -.663 | 110 | 131 | -.348 | .085 | -.097 | -.788 |
| 100 | 710 | -.345 | .109 | -.083 | -.833 | 100 | 924 | -.150 | .066 | .073 | -.642 | 110 | 132 | -.361 | .094 | -.129 | -.929 |
| 100 | 711 | -.259 | .080 | -.052 | -.613 | 100 | 925 | -.195 | .062 | -.002 | -.560 | 110 | 133 | -.357 | .079 | -.153 | -.792 |
| 100 | 712 | -.335 | .094 | -.107 | -.885 | 100 | 926 | -.253 | .104 | -.028 | -.724 | 110 | 134 | -.358 | .079 | -.166 | -.729 |
| 100 | 713 | -.308 | .100 | -.049 | -.783 | 100 | 927 | -.569 | .168 | -.144 | -1.297 | 110 | 135 | -.370 | .084 | -.153 | -.972 |
| 100 | 714 | -.259 | .088 | -.023 | -.696 | 100 | 928 | -.562 | .184 | -.022 | -1.476 | 110 | 136 | -.319 | .082 | .011 | -.729 |
| 100 | 715 | -.298 | .089 | -.095 | -.889 | 100 | 929 | -.343 | .068 | -.076 | -.575 | 110 | 137 | -.348 | .084 | -.087 | -.747 |
| 100 | 716 | -.253 | .100 | -.039 | -.906 | 100 | 930 | -.386 | .080 | -.115 | -.699 | 110 | 138 | -.346 | .089 | -.081 | -.919 |
| 100 | 717 | -.242 | .063 | -.054 | -.465 | 100 | 931 | -.406 | .090 | -.055 | -.714 | 110 | 139 | -.321 | .072 | -.067 | -.696 |
| 100 | 718 | -.264 | .066 | -.080 | -.632 | 100 | 932 | -.344 | .067 | -.076 | -.544 | 110 | 140 | -.321 | .071 | -.089 | -.700 |
| 100 | 719 | -.308 | .097 | -.083 | -.806 | 100 | 933 | -.386 | .085 | -.111 | -.718 | 110 | 141 | -.375 | .111 | -.142 | -.822 |
| 100 | 720 | -.243 | .064 | -.059 | -.528 | 100 | 934 | -.479 | .138 | -.036 | -1.209 | 110 | 142 | -.384 | .113 | -.141 | -.903 |
| 100 | 721 | -.271 | .080 | -.075 | -.713 | 100 | 935 | -.486 | .102 | -.099 | -.937 | 110 | 143 | -.361 | .106 | -.058 | -.810 |
| 100 | 722 | -.249 | .069 | -.067 | -.516 | 100 | 936 | -.426 | .087 | -.098 | -.773 | 110 | 144 | -.297 | .085 | -.056 | -.724 |
| 100 | 723 | -.224 | .067 | -.039 | -.757 | 100 | 937 | -.466 | .098 | -.182 | -.982 | 110 | 145 | -.272 | .063 | -.059 | -.516 |
| 100 | 724 | -.246 | .082 | -.041 | -.779 | 100 | 938 | -.471 | .087 | -.184 | -.892 | 110 | 146 | -.288 | .064 | -.094 | -.560 |
| 100 | 725 | -.946 | .233 | -.055 | -1.758 | 100 | 939 | -.501 | .105 | -.210 | -.937 | 110 | 147 | -.424 | .178 | -.088 | -2.499 |
| 100 | 726 | -.729 | .198 | -.171 | -1.689 | 100 | 940 | -.456 | .091 | -.178 | -.832 | 110 | 148 | -.400 | .148 | -.094 | -1.651 |
| 100 | 727 | -.511 | .187 | -.104 | -1.401 | 100 | 941 | -.459 | .084 | -.217 | -.814 | 110 | 149 | -.279 | .111 | .139 | -.864 |
| 100 | 728 | -.069 | .149 | .649 | -.698 | 100 | 942 | -.477 | .103 | -.214 | -1.039 | 110 | 150 | -.224 | .084 | .040 | -.553 |
| 100 | 729 | .038 | .121 | .450 | -.310 | 110 | 101 | -.282 | .050 | -.100 | -.502 | 110 | 151 | -.240 | .060 | -.048 | -.488 |
| 100 | 730 | -.335 | .103 | -.086 | -.886 | 110 | 102 | -.295 | .053 | -.096 | -.527 | 110 | 152 | -.271 | .061 | -.075 | -.501 |
| 100 | 731 | -.391 | .126 | -.073 | -1.030 | 110 | 103 | -.302 | .060 | -.105 | -.561 | 110 | 153 | .129 | .068 | .384 | -.120 |
| 100 | 732 | -.016 | .061 | .253 | -.275 | 110 | 104 | -.321 | .070 | -.099 | -.756 | 110 | 154 | .123 | .070 | .389 | -.118 |
| 100 | 733 | -.561 | .157 | -.152 | -1.135 | 110 | 105 | -.321 | .078 | -.073 | -.745 | 110 | 155 | .134 | .076 | .487 | -.094 |
| 100 | 734 | -.547 | .145 | -.206 | -1.420 | 110 | 106 | -.338 | .090 | -.057 | -.807 | 110 | 156 | .144 | .083 | .490 | -.110 |
| 100 | 735 | -.316 | .069 | -.103 | -.540 | 110 | 107 | -.274 | .046 | -.098 | -.429 | 110 | 157 | -.335 | .063 | -.110 | -.642 |
| 100 | 736 | -.276 | .128 | .104 | -1.137 | 110 | 108 | -.277 | .046 | -.108 | -.448 | 110 | 158 | -.341 | .068 | -.143 | -.678 |
| 100 | 901 | -.205 | .082 | .049 | -.647 | 110 | 109 | -.290 | .051 | -.109 | -.485 | 110 | 159 | -.350 | .067 | -.178 | -.627 |
| 100 | 902 | -.135 | .066 | .111 | -.482 | 110 | 110 | -.287 | .056 | -.048 | -.571 | 110 | 160 | -.330 | .063 | -.152 | -.647 |
| 100 | 903 | -.338 | .091 | .012 | -.720 | 110 | 111 | -.328 | .075 | -.085 | -.768 | 110 | 161 | -.346 | .069 | -.162 | -.663 |
| 100 | 904 | .011 | .057 | .260 | -.143 | 110 | 112 | -.342 | .084 | -.058 | -.923 | 110 | 162 | -.315 | .069 | -.121 | -.656 |
| 100 | 905 | .071 | .070 | .385 | -.147 | 110 | 113 | -.248 | .046 | -.098 | -.438 | 110 | 163 | -.320 | .073 | -.114 | -.679 |
| 100 | 906 | .057 | .075 | .331 | -.176 | 110 | 114 | -.251 | .045 | -.106 | -.434 | 110 | 164 | -.339 | .080 | -.125 | -.736 |
| 100 | 907 | .157 | .089 | .465 | -.176 | 110 | 115 | -.265 | .048 | -.119 | -.478 | 110 | 165 | -.304 | .069 | -.117 | -.710 |
| 100 | 908 | .378 | .110 | .776 | .118 | 110 | 116 | -.303 | .055 | -.146 | -.598 | 110 | 166 | -.318 | .077 | -.115 | -.794 |
| 100 | 909 | .405 | .125 | 1.015 | .124 | 110 | 117 | -.344 | .077 | -.159 | -.725 | 110 | 167 | -.301 | .069 | -.093 | -.564 |
| 100 | 910 | .389 | .124 | .975 | .123 | 110 | 118 | -.341 | .074 | -.169 | -.801 | 110 | 168 | -.315 | .074 | -.098 | -.622 |
| 100 | 911 | -.264 | .060 | -.084 | -.507 | 110 | 119 | -.271 | .051 | -.124 | -.521 | 110 | 169 | -.301 | .072 | -.067 | -.618 |
| 100 | 912 | -.270 | .063 | -.100 | -.537 | 110 | 120 | -.274 | .050 | -.122 | -.508 | 110 | 170 | -.277 | .062 | -.094 | -.544 |
| 100 | 913 | -.267 | .066 | -.076 | -.634 | 110 | 121 | -.278 | .048 | -.114 | -.540 | 110 | 171 | -.311 | .066 | -.128 | -.633 |
| 100 | 914 | -.089 | .060 | .120 | -.367 | 110 | 122 | -.320 | .057 | -.146 | -.608 | 110 | 172 | -.326 | .071 | -.133 | -.705 |
| 100 | 915 | -.115 | .051 | .059 | -.341 | 110 | 123 | -.357 | .083 | -.159 | -1.113 | 110 | 173 | -.308 | .070 | -.122 | -.726 |
| 100 | 916 | -.159 | .047 | .019 | -.408 | 110 | 124 | -.366 | .088 | -.157 | -1.171 | 110 | 174 | -.304 | .073 | -.101 | -.713 |
| 100 | 917 | -.195 | .062 | -.007 | -.516 | 110 | 125 | -.321 | .057 | -.139 | -.572 | 110 | 175 | -.265 | .068 | -.053 | -.605 |
| 100 | 918 | -.526 | .143 | -.107 | -1.066 | 110 | 126 | -.312 | .056 | -.126 | -.559 | 110 | 176 | -.307 | .081 | -.108 | -.745 |
| 100 | 919 | -.525 | .155 | -.057 | -1.157 | 110 | 127 | -.324 | .058 | -.153 | -.607 | 110 | 177 | -.296 | .072 | -.085 | -.772 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 110 | 178 | -.293 | .087 | -.061 | -.870 | 110 | 250 | .402 | .129 | .782 | -.221 | 110 | 320 | -.174 | .033 | -.066 | -.306 |
| 110 | 201 | .366 | .126 | .727 | -.083 | 110 | 251 | .405 | .176 | 1.053 | -.366 | 110 | 321 | -.078 | .040 | .047 | -.316 |
| 110 | 202 | .419 | .123 | .804 | .006 | 110 | 252 | .195 | .185 | .833 | -.412 | 110 | 322 | -.075 | .125 | .156 | -.675 |
| 110 | 203 | .289 | .102 | .604 | -.035 | 110 | 253 | .326 | .135 | .745 | -.130 | 110 | 323 | -.434 | .148 | .215 | -1.032 |
| 110 | 204 | .207 | .090 | .557 | -.133 | 110 | 254 | .251 | .147 | .687 | -.199 | 110 | 324 | -.434 | .150 | .195 | -1.182 |
| 110 | 205 | .155 | .094 | .434 | -.163 | 110 | 255 | .277 | .123 | .729 | -.140 | 110 | 325 | -.190 | .037 | -.077 | -.309 |
| 110 | 206 | .010 | .059 | .201 | -.185 | 110 | 256 | .255 | .160 | .786 | -.266 | 110 | 326 | -.149 | .032 | -.052 | -.281 |
| 110 | 207 | .392 | .144 | .799 | -.025 | 110 | 257 | .228 | .140 | .802 | -.158 | 110 | 327 | -.213 | .047 | -.098 | -.415 |
| 110 | 208 | .506 | .138 | .855 | .100 | 110 | 258 | .276 | .116 | .775 | -.083 | 110 | 328 | -.174 | .040 | -.046 | -.326 |
| 110 | 209 | .454 | .121 | .787 | .071 | 110 | 259 | .220 | .127 | .629 | -.138 | 110 | 329 | -.189 | .045 | -.069 | -.395 |
| 110 | 210 | .365 | .096 | .643 | .081 | 110 | 260 | .267 | .104 | .672 | -.073 | 110 | 330 | -.139 | .039 | -.017 | -.294 |
| 110 | 211 | .138 | .078 | .394 | -.100 | 110 | 261 | .260 | .135 | .725 | -.136 | 110 | 331 | -.079 | .060 | .137 | -.347 |
| 110 | 212 | .019 | .060 | .203 | -.198 | 110 | 262 | .323 | .125 | .763 | -.079 | 110 | 332 | -.289 | .153 | .215 | -.796 |
| 110 | 213 | .326 | .142 | .873 | -.172 | 110 | 263 | .353 | .150 | .862 | -.110 | 110 | 333 | -.015 | .232 | .459 | -.891 |
| 110 | 214 | .548 | .129 | .909 | .128 | 110 | 264 | .120 | .136 | .612 | -.200 | 110 | 334 | -.166 | .209 | .403 | -1.078 |
| 110 | 215 | .601 | .122 | .949 | .199 | 110 | 265 | .164 | .117 | .545 | -.208 | 110 | 336 | .124 | .213 | .663 | -.716 |
| 110 | 216 | .477 | .104 | .770 | .148 | 110 | 266 | .102 | .095 | .437 | -.106 | 110 | 337 | .060 | .184 | .588 | -.839 |
| 110 | 217 | .188 | .069 | .406 | -.005 | 110 | 267 | .180 | .088 | .581 | -.047 | 110 | 338 | .219 | .161 | .774 | -.413 |
| 110 | 218 | .046 | .054 | .233 | -.163 | 110 | 268 | .132 | .096 | .579 | -.113 | 110 | 339 | .191 | .150 | .697 | -.282 |
| 110 | 219 | .312 | .154 | .829 | -.093 | 110 | 269 | .098 | .129 | .840 | -.321 | 110 | 340 | .193 | .145 | .735 | -.293 |
| 110 | 220 | .479 | .135 | .848 | .109 | 110 | 270 | .164 | .111 | .948 | -.136 | 110 | 341 | .203 | .137 | .686 | -.314 |
| 110 | 221 | .539 | .120 | .905 | .219 | 110 | 271 | .227 | .100 | .652 | -.079 | 110 | 342 | .213 | .134 | .620 | -.276 |
| 110 | 222 | .452 | .100 | .770 | .142 | 110 | 272 | .219 | .092 | .597 | -.063 | 110 | 343 | .219 | .119 | .679 | -.245 |
| 110 | 223 | .142 | .072 | .447 | -.123 | 110 | 273 | .176 | .080 | .520 | -.073 | 110 | 344 | .209 | .118 | .595 | -.198 |
| 110 | 224 | -.017 | .058 | .228 | -.238 | 110 | 274 | .166 | .074 | .501 | -.049 | 110 | 345 | .236 | .116 | .612 | -.131 |
| 110 | 225 | .362 | .146 | .784 | -.103 | 110 | 275 | .086 | .091 | .410 | -.279 | 110 | 346 | .228 | .115 | .613 | -.144 |
| 110 | 226 | .468 | .123 | .814 | .123 | 110 | 276 | .140 | .083 | .474 | -.108 | 110 | 347 | -.159 | .041 | -.028 | -.336 |
| 110 | 227 | .481 | .118 | .844 | .197 | 110 | 277 | .232 | .084 | .600 | .032 | 110 | 348 | -.166 | .041 | -.054 | -.385 |
| 110 | 228 | .377 | .102 | .680 | .113 | 110 | 278 | .256 | .084 | .615 | .054 | 110 | 349 | -.116 | .052 | .049 | -.470 |
| 110 | 229 | .123 | .070 | .381 | -.088 | 110 | 279 | .227 | .080 | .528 | -.008 | 110 | 350 | -.130 | .083 | .077 | -.482 |
| 110 | 230 | .005 | .060 | .235 | -.180 | 110 | 280 | .214 | .078 | .514 | -.010 | 110 | 351 | -.433 | .176 | .085 | -1.097 |
| 110 | 231 | .344 | .135 | .827 | -.005 | 110 | 301 | -.193 | .039 | -.055 | -.302 | 110 | 352 | -.551 | .192 | -.101 | -1.481 |
| 110 | 232 | .413 | .125 | .774 | .117 | 110 | 302 | -.166 | .036 | -.049 | -.301 | 110 | 353 | -.193 | .044 | -.065 | -.390 |
| 110 | 233 | .308 | .125 | .725 | .005 | 110 | 303 | -.132 | .034 | -.008 | -.245 | 110 | 354 | -.170 | .041 | -.053 | -.363 |
| 110 | 234 | .371 | .112 | .733 | .096 | 110 | 304 | -.152 | .049 | -.000 | -.395 | 110 | 355 | -.202 | .046 | -.077 | -.429 |
| 110 | 235 | .355 | .106 | .717 | .087 | 110 | 305 | -.446 | .117 | .010 | -.986 | 110 | 356 | -.183 | .041 | -.073 | -.409 |
| 110 | 236 | .278 | .091 | .614 | .055 | 110 | 306 | -.541 | .161 | -.146 | -1.402 | 110 | 357 | -.118 | .042 | .026 | -.302 |
| 110 | 237 | .093 | .073 | .366 | -.142 | 110 | 307 | -.201 | .036 | -.072 | -.317 | 110 | 358 | -.130 | .081 | .091 | -.485 |
| 110 | 238 | .078 | .061 | .386 | -.121 | 110 | 308 | -.162 | .031 | -.048 | -.271 | 110 | 359 | -.411 | .133 | .069 | -.890 |
| 110 | 239 | .306 | .105 | .692 | .069 | 110 | 309 | -.085 | .035 | .072 | -.308 | 110 | 360 | -.440 | .126 | -.071 | -.919 |
| 110 | 240 | .315 | .102 | .692 | .060 | 110 | 310 | -.102 | .054 | .042 | -.396 | 110 | 361 | -.211 | .044 | -.019 | -.445 |
| 110 | 241 | .332 | .100 | .671 | .086 | 110 | 311 | -.493 | .152 | -.005 | -1.114 | 110 | 362 | -.175 | .039 | -.023 | -.353 |
| 110 | 242 | .357 | .095 | .738 | .115 | 110 | 312 | -.570 | .153 | -.154 | -1.327 | 110 | 363 | -.112 | .049 | .145 | -.358 |
| 110 | 243 | .368 | .102 | .769 | .092 | 110 | 313 | -.194 | .034 | -.085 | -.320 | 110 | 364 | -.248 | .148 | .103 | -.924 |
| 110 | 244 | .174 | .075 | .404 | -.098 | 110 | 314 | -.156 | .029 | -.058 | -.276 | 110 | 365 | -.216 | .154 | .250 | -.937 |
| 110 | 245 | .037 | .065 | .283 | -.251 | 110 | 315 | -.055 | .036 | .052 | -.277 | 110 | 366 | -.142 | .115 | .256 | -.594 |
| 110 | 246 | -.057 | .065 | .186 | -.385 | 110 | 316 | -.058 | .120 | .159 | -.768 | 110 | 367 | -.222 | .130 | .148 | -.803 |
| 110 | 247 | .169 | .080 | .569 | -.098 | 110 | 317 | -.458 | .140 | .140 | -1.007 | 110 | 368 | .125 | .114 | .628 | -.165 |
| 110 | 248 | .153 | .080 | .520 | -.067 | 110 | 318 | -.449 | .136 | .092 | -.989 | 110 | 369 | -.048 | .097 | .279 | -.460 |
| 110 | 249 | .055 | .067 | .288 | -.243 | 110 | 319 | -.208 | .039 | -.103 | -.352 | 110 | 370 | .134 | .095 | .471 | -.122 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 110 | 371 | .118 | .090 | .483 | -.138 | 110 | 513 | -.267 | .053 | -.093 | -.484 | 110 | 563 | -.301 | .060 | -.139 | -.599 |
| 110 | 372 | .144 | .090 | .499 | -.102 | 110 | 514 | -.241 | .048 | -.098 | -.431 | 110 | 564 | -.308 | .059 | -.158 | -.582 |
| 110 | 373 | .113 | .105 | .526 | -.211 | 110 | 515 | -.233 | .043 | -.106 | -.454 | 110 | 565 | -.302 | .060 | -.144 | -.603 |
| 110 | 374 | -.215 | .052 | -.036 | -.472 | 110 | 516 | -.234 | .042 | -.128 | -.424 | 110 | 566 | -.277 | .046 | -.125 | -.478 |
| 110 | 375 | -.201 | .052 | -.038 | -.429 | 110 | 517 | -.230 | .040 | -.119 | -.392 | 110 | 567 | -.260 | .049 | -.101 | -.453 |
| 110 | 376 | -.170 | .066 | -.006 | -.448 | 110 | 518 | -.224 | .041 | -.092 | -.357 | 110 | 568 | -.244 | .057 | -.077 | -.537 |
| 110 | 377 | -.178 | .103 | .050 | -.718 | 110 | 519 | -.283 | .059 | -.087 | -.579 | 110 | 569 | -.257 | .058 | -.095 | -.553 |
| 110 | 378 | -.443 | .156 | .026 | -.993 | 110 | 520 | -.262 | .055 | -.095 | -.461 | 110 | 570 | -.312 | .059 | -.123 | -.584 |
| 110 | 379 | -.657 | .198 | -.138 | -1.406 | 110 | 521 | -.218 | .044 | -.087 | -.388 | 110 | 571 | -.313 | .062 | -.162 | -.684 |
| 110 | 380 | -.209 | .050 | -.033 | -.373 | 110 | 522 | -.235 | .044 | -.105 | -.404 | 110 | 572 | -.288 | .068 | -.089 | -.559 |
| 110 | 381 | -.186 | .045 | -.033 | -.346 | 110 | 523 | -.228 | .043 | -.089 | -.387 | 110 | 573 | -.307 | .072 | -.083 | -.681 |
| 110 | 382 | -.214 | .046 | -.054 | -.378 | 110 | 524 | -.217 | .043 | -.091 | -.368 | 110 | 574 | -.296 | .075 | -.053 | -.613 |
| 110 | 383 | -.196 | .042 | -.063 | -.383 | 110 | 525 | -.226 | .051 | -.063 | -.483 | 110 | 575 | -.293 | .078 | -.094 | -.705 |
| 110 | 384 | -.146 | .036 | .018 | -.302 | 110 | 526 | -.234 | .051 | -.066 | -.452 | 110 | 576 | -.276 | .067 | -.053 | -.604 |
| 110 | 385 | -.182 | .086 | .045 | -.655 | 110 | 527 | -.257 | .064 | -.106 | -.570 | 110 | 577 | -.298 | .057 | -.124 | -.611 |
| 110 | 386 | -.436 | .113 | .014 | -.962 | 110 | 528 | -.243 | .061 | -.089 | -.566 | 110 | 578 | -.287 | .053 | -.099 | -.555 |
| 110 | 387 | -.437 | .115 | -.170 | -.941 | 110 | 529 | -.306 | .059 | -.115 | -.561 | 110 | 579 | -.260 | .050 | -.021 | -.500 |
| 110 | 388 | -.212 | .043 | -.043 | -.361 | 110 | 530 | -.309 | .058 | -.115 | -.597 | 110 | 580 | -.254 | .060 | -.034 | -.609 |
| 110 | 389 | -.190 | .037 | -.019 | -.328 | 110 | 531 | -.296 | .056 | -.101 | -.542 | 110 | 581 | -.266 | .065 | -.028 | -.575 |
| 110 | 390 | -.221 | .042 | -.081 | -.361 | 110 | 532 | -.255 | .049 | -.111 | -.447 | 110 | 582 | -.258 | .059 | -.022 | -.485 |
| 110 | 391 | -.176 | .092 | .093 | -.529 | 110 | 533 | -.239 | .051 | -.089 | -.434 | 110 | 583 | -.264 | .061 | -.049 | -.554 |
| 110 | 392 | -.367 | .120 | -.018 | -.769 | 110 | 534 | -.263 | .074 | -.099 | -.684 | 110 | 584 | -.247 | .059 | -.075 | -.471 |
| 110 | 393 | -.397 | .128 | -.028 | -.877 | 110 | 535 | -.246 | .069 | -.077 | -.718 | 110 | 585 | -.291 | .066 | -.038 | -.664 |
| 110 | 394 | -.208 | .052 | -.003 | -.419 | 110 | 536 | -.324 | .063 | -.134 | -.686 | 110 | 586 | -.282 | .061 | .010 | -.673 |
| 110 | 395 | -.195 | .045 | .026 | -.412 | 110 | 537 | -.322 | .063 | -.106 | -.668 | 110 | 587 | -.261 | .051 | -.066 | -.509 |
| 110 | 396 | -.273 | .049 | -.143 | -.485 | 110 | 538 | -.318 | .068 | -.054 | -.606 | 110 | 588 | -.248 | .055 | -.063 | -.590 |
| 110 | 397 | -.208 | .050 | -.053 | -.468 | 110 | 539 | -.328 | .061 | -.115 | -.706 | 110 | 589 | -.255 | .055 | -.100 | -.893 |
| 110 | 398 | -.191 | .048 | -.066 | -.402 | 110 | 540 | -.334 | .067 | -.158 | -.659 | 110 | 590 | -.252 | .054 | -.089 | -.827 |
| 110 | 399 | -.143 | .055 | .040 | -.452 | 110 | 541 | -.329 | .064 | -.161 | -.606 | 110 | 591 | -.263 | .069 | -.054 | -.646 |
| 110 | 400 | -.209 | .113 | .138 | -.937 | 110 | 542 | -.314 | .066 | -.117 | -.609 | 110 | 592 | -.245 | .068 | -.001 | -.708 |
| 110 | 401 | -.162 | .197 | .247 | -1.087 | 110 | 543 | -.298 | .066 | -.110 | -.651 | 110 | 593 | -.255 | .060 | -.033 | -.616 |
| 110 | 402 | -.193 | .151 | .159 | -.854 | 110 | 544 | -.308 | .067 | -.119 | -.654 | 110 | 594 | -.262 | .057 | -.062 | -.586 |
| 110 | 403 | -.186 | .038 | -.046 | -.330 | 110 | 545 | -.302 | .068 | -.055 | -.577 | 110 | 595 | -.251 | .058 | -.023 | -.533 |
| 110 | 404 | -.140 | .038 | .021 | -.270 | 110 | 546 | -.301 | .067 | -.096 | -.590 | 110 | 596 | -.261 | .061 | -.017 | -.590 |
| 110 | 405 | -.056 | .052 | .174 | -.224 | 110 | 547 | -.275 | .074 | -.082 | -.810 | 110 | 597 | -.307 | .060 | -.122 | -.515 |
| 110 | 406 | .032 | .065 | .272 | -.187 | 110 | 548 | -.291 | .077 | -.093 | -.845 | 110 | 598 | -.305 | .057 | -.154 | -.506 |
| 110 | 407 | -.082 | .132 | .284 | -.752 | 110 | 549 | -.292 | .059 | -.111 | -.553 | 110 | 599 | -.243 | .046 | -.093 | -.415 |
| 110 | 408 | -.087 | .121 | .294 | -.730 | 110 | 550 | -.252 | .055 | -.068 | -.479 | 110 | 600 | -.262 | .050 | -.121 | -.471 |
| 110 | 501 | -.281 | .068 | -.072 | -.788 | 110 | 551 | -.240 | .053 | -.079 | -.454 | 110 | 701 | .114 | .079 | .453 | -.172 |
| 110 | 502 | -.265 | .061 | -.053 | -.603 | 110 | 552 | -.259 | .065 | -.059 | -.659 | 110 | 702 | -.285 | .048 | -.115 | -.441 |
| 110 | 503 | -.236 | .051 | -.070 | -.519 | 110 | 553 | -.250 | .063 | -.089 | -.795 | 110 | 703 | -.255 | .047 | -.116 | -.476 |
| 110 | 504 | -.226 | .051 | -.032 | -.530 | 110 | 554 | -.221 | .060 | -.068 | -.705 | 110 | 704 | -.312 | .056 | -.130 | -.540 |
| 110 | 505 | -.233 | .051 | -.061 | -.456 | 110 | 555 | -.232 | .061 | -.051 | -.613 | 110 | 705 | -.353 | .078 | -.159 | -.793 |
| 110 | 506 | -.217 | .047 | -.060 | -.381 | 110 | 556 | -.242 | .058 | -.062 | -.589 | 110 | 706 | -.471 | .178 | -.096 | -1.536 |
| 110 | 507 | -.271 | .062 | -.074 | -.744 | 110 | 557 | -.308 | .061 | -.147 | -.570 | 110 | 707 | -.338 | .097 | -.049 | -.948 |
| 110 | 508 | -.245 | .054 | -.025 | -.530 | 110 | 558 | -.265 | .055 | -.110 | -.481 | 110 | 708 | -.365 | .088 | -.098 | -.815 |
| 110 | 509 | -.229 | .049 | -.080 | -.669 | 110 | 559 | -.242 | .049 | -.091 | -.431 | 110 | 709 | -.371 | .094 | -.113 | -1.145 |
| 110 | 510 | -.220 | .046 | -.070 | -.404 | 110 | 560 | -.253 | .054 | -.105 | -.536 | 110 | 710 | -.350 | .083 | -.120 | -.898 |
| 110 | 511 | -.210 | .047 | -.050 | -.398 | 110 | 561 | -.255 | .060 | -.113 | -.594 | 110 | 711 | -.302 | .072 | -.084 | -.569 |
| 110 | 512 | -.219 | .047 | -.071 | -.411 | 110 | 562 | -.238 | .059 | -.063 | -.545 | 110 | 712 | -.367 | .077 | -.151 | -.884 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 110 | 713 | -.338 | .078 | -.108 | -.754 | 110 | 927 | -.349 | .127 | .190 | -.907 | 120 | 135 | -.338 | .055 | -.193 | -.625 |
| 110 | 714 | -.308 | .080 | -.105 | -.897 | 110 | 928 | -.337 | .147 | .268 | -.945 | 120 | 136 | -.293 | .059 | -.148 | -.567 |
| 110 | 715 | -.336 | .075 | -.118 | -.860 | 110 | 929 | -.271 | .059 | -.029 | -.452 | 120 | 137 | -.340 | .061 | -.157 | -.646 |
| 110 | 716 | -.296 | .091 | -.015 | -1.251 | 110 | 930 | -.348 | .075 | -.082 | -.618 | 120 | 138 | -.329 | .068 | -.177 | -.799 |
| 110 | 717 | -.216 | .048 | -.052 | -.413 | 110 | 931 | -.355 | .068 | -.095 | -.590 | 120 | 139 | -.319 | .062 | -.173 | -.635 |
| 110 | 718 | -.231 | .045 | -.081 | -.402 | 110 | 932 | -.268 | .065 | .073 | -.464 | 120 | 140 | -.324 | .066 | -.178 | -.746 |
| 110 | 719 | -.275 | .075 | -.108 | -.746 | 110 | 933 | -.325 | .061 | -.108 | -.521 | 120 | 141 | -.306 | .070 | -.116 | -.579 |
| 110 | 720 | -.221 | .058 | -.079 | -.443 | 110 | 934 | -.428 | .117 | .006 | -.959 | 120 | 142 | -.313 | .071 | -.127 | -.585 |
| 110 | 721 | -.267 | .066 | -.077 | -.655 | 110 | 935 | -.400 | .079 | -.082 | -.758 | 120 | 143 | -.310 | .072 | -.131 | -.649 |
| 110 | 722 | -.260 | .057 | -.042 | -.554 | 110 | 936 | -.361 | .080 | -.056 | -.652 | 120 | 144 | -.311 | .071 | -.115 | -.644 |
| 110 | 723 | -.245 | .051 | -.106 | -.443 | 110 | 937 | -.408 | .082 | -.160 | -.775 | 120 | 145 | -.296 | .057 | -.125 | -.574 |
| 110 | 724 | -.286 | .067 | -.043 | -.644 | 110 | 938 | -.417 | .080 | -.174 | -.757 | 120 | 146 | -.306 | .059 | -.155 | -.639 |
| 110 | 725 | -.401 | .262 | .342 | -1.419 | 110 | 939 | -.425 | .091 | -.149 | -.780 | 120 | 147 | -.325 | .095 | -.111 | -.903 |
| 110 | 726 | -.342 | .245 | .408 | -1.068 | 110 | 940 | -.414 | .083 | -.203 | -.784 | 120 | 148 | -.320 | .090 | -.103 | -.786 |
| 110 | 727 | -.207 | .199 | .574 | -.934 | 110 | 941 | -.405 | .073 | -.173 | -.743 | 120 | 149 | -.293 | .077 | -.095 | -.678 |
| 110 | 728 | .181 | .159 | .762 | -.236 | 110 | 942 | -.407 | .098 | -.097 | -1.115 | 120 | 150 | -.281 | .070 | -.007 | -.606 |
| 110 | 729 | .229 | .123 | .714 | -.222 | 120 | 101 | -.255 | .040 | -.123 | -.395 | 120 | 151 | -.275 | .056 | -.111 | -.636 |
| 110 | 730 | -.171 | .112 | .214 | -.578 | 120 | 102 | -.267 | .041 | -.134 | -.426 | 120 | 152 | -.293 | .056 | -.129 | -.691 |
| 110 | 731 | -.245 | .140 | .311 | -.814 | 120 | 103 | -.267 | .043 | -.107 | -.428 | 120 | 153 | .080 | .065 | .324 | -.120 |
| 110 | 732 | .098 | .092 | .571 | -.170 | 120 | 104 | -.284 | .055 | -.092 | -.557 | 120 | 154 | .070 | .066 | .311 | -.120 |
| 110 | 733 | -.376 | .166 | .128 | -1.046 | 120 | 105 | -.292 | .060 | -.087 | -.629 | 120 | 155 | .078 | .058 | .338 | -.099 |
| 110 | 734 | -.353 | .124 | .018 | -.919 | 120 | 106 | -.304 | .069 | -.076 | -.709 | 120 | 156 | .075 | .067 | .313 | -.113 |
| 110 | 735 | -.283 | .055 | -.146 | -.513 | 120 | 107 | -.246 | .039 | -.100 | -.380 | 120 | 157 | -.317 | .060 | -.092 | -.538 |
| 110 | 736 | -.116 | .140 | .323 | -.811 | 120 | 108 | -.251 | .039 | -.101 | -.391 | 120 | 158 | -.328 | .057 | -.146 | -.560 |
| 110 | 901 | -.083 | .063 | .130 | -.394 | 120 | 109 | -.255 | .041 | -.107 | -.404 | 120 | 159 | -.322 | .058 | -.140 | -.617 |
| 110 | 902 | -.042 | .055 | .160 | -.278 | 120 | 110 | -.256 | .045 | -.058 | -.471 | 120 | 160 | -.312 | .047 | -.157 | -.548 |
| 110 | 903 | -.166 | .094 | .163 | -.530 | 120 | 111 | -.284 | .057 | -.118 | -.658 | 120 | 161 | -.331 | .050 | -.183 | -.587 |
| 110 | 904 | .114 | .064 | .415 | -.071 | 120 | 112 | -.298 | .058 | -.126 | -.628 | 120 | 162 | -.314 | .053 | -.156 | -.586 |
| 110 | 905 | .195 | .079 | .594 | -.021 | 120 | 113 | -.224 | .035 | -.107 | -.362 | 120 | 163 | -.313 | .055 | -.175 | -.552 |
| 110 | 906 | .159 | .070 | .425 | -.104 | 120 | 114 | -.229 | .035 | -.101 | -.375 | 120 | 164 | -.331 | .059 | -.174 | -.625 |
| 110 | 907 | .255 | .087 | .544 | -.015 | 120 | 115 | -.235 | .037 | -.118 | -.395 | 120 | 165 | -.306 | .054 | -.164 | -.612 |
| 110 | 908 | .386 | .120 | .835 | .114 | 120 | 116 | -.260 | .039 | -.153 | -.430 | 120 | 166 | -.317 | .058 | -.143 | -.665 |
| 110 | 909 | .369 | .109 | .741 | .119 | 120 | 117 | -.290 | .052 | -.157 | -.586 | 120 | 167 | -.300 | .056 | -.161 | -.565 |
| 110 | 910 | .365 | .112 | .757 | .118 | 120 | 118 | -.279 | .049 | -.151 | -.551 | 120 | 168 | -.312 | .061 | -.167 | -.606 |
| 110 | 911 | -.275 | .053 | -.127 | -.543 | 120 | 119 | -.234 | .041 | -.112 | -.390 | 120 | 169 | -.302 | .060 | -.164 | -.586 |
| 110 | 912 | -.278 | .056 | -.135 | -.576 | 120 | 120 | -.238 | .040 | -.120 | -.396 | 120 | 170 | -.272 | .050 | -.121 | -.528 |
| 110 | 913 | -.257 | .055 | -.106 | -.555 | 120 | 121 | -.258 | .044 | -.135 | -.461 | 120 | 171 | -.310 | .053 | -.170 | -.630 |
| 110 | 914 | -.019 | .064 | .226 | -.282 | 120 | 122 | -.291 | .048 | -.160 | -.594 | 120 | 172 | -.326 | .058 | -.171 | -.680 |
| 110 | 915 | -.062 | .050 | .131 | -.275 | 120 | 123 | -.338 | .068 | -.173 | -.718 | 120 | 173 | -.315 | .054 | -.152 | -.615 |
| 110 | 916 | -.116 | .039 | .031 | -.279 | 120 | 124 | -.352 | .071 | -.178 | -.760 | 120 | 174 | -.300 | .057 | -.115 | -.615 |
| 110 | 917 | -.089 | .048 | .065 | -.424 | 120 | 125 | -.286 | .047 | -.143 | -.480 | 120 | 175 | -.265 | .054 | -.114 | -.570 |
| 110 | 918 | -.365 | .144 | .152 | -.967 | 120 | 126 | -.282 | .046 | -.147 | -.482 | 120 | 176 | -.305 | .064 | -.158 | -.745 |
| 110 | 919 | -.366 | .162 | .359 | -1.003 | 120 | 127 | -.295 | .046 | -.155 | -.538 | 120 | 177 | -.299 | .060 | -.103 | -.628 |
| 110 | 920 | -.257 | .052 | -.081 | -.530 | 120 | 128 | -.314 | .047 | -.189 | -.501 | 120 | 178 | -.290 | .069 | -.129 | -.703 |
| 110 | 921 | -.271 | .053 | -.119 | -.493 | 120 | 129 | -.346 | .059 | -.200 | -.744 | 120 | 201 | .434 | .121 | .775 | .033 |
| 110 | 922 | -.254 | .062 | -.100 | -.722 | 120 | 130 | -.343 | .061 | -.194 | -.729 | 120 | 202 | .424 | .116 | .780 | .035 |
| 110 | 923 | .004 | .070 | .284 | -.248 | 120 | 131 | -.330 | .059 | -.161 | -.605 | 120 | 203 | .241 | .085 | .472 | -.033 |
| 110 | 924 | -.046 | .053 | .141 | -.279 | 120 | 132 | -.341 | .063 | -.148 | -.651 | 120 | 204 | .155 | .073 | .369 | -.078 |
| 110 | 925 | -.103 | .043 | .040 | -.306 | 120 | 133 | -.323 | .053 | -.157 | -.573 | 120 | 205 | .056 | .079 | .322 | -.178 |
| 110 | 926 | -.066 | .068 | .132 | -.480 | 120 | 134 | -.328 | .054 | -.177 | -.558 | 120 | 206 | -.031 | .044 | .157 | -.192 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 120 | 207 | .531 | .128 | .882 | .099 | 120 | 257 | .380 | .129 | .761 | .025 | 120 | 327 | -.171 | .033 | -.070 | -.291 |
| 120 | 208 | .534 | .119 | .856 | .115 | 120 | 258 | .347 | .113 | .735 | .039 | 120 | 328 | -.101 | .034 | .005 | -.217 |
| 120 | 209 | .396 | .094 | .676 | .093 | 120 | 259 | .357 | .109 | .812 | .045 | 120 | 329 | -.143 | .034 | -.044 | -.296 |
| 120 | 210 | .303 | .078 | .530 | .015 | 120 | 260 | .324 | .096 | .737 | .104 | 120 | 330 | -.079 | .033 | .024 | -.184 |
| 120 | 211 | .056 | .057 | .274 | -.148 | 120 | 261 | .347 | .106 | .788 | .089 | 120 | 331 | .060 | .056 | .256 | -.142 |
| 120 | 212 | -.033 | .043 | .126 | -.196 | 120 | 262 | .347 | .107 | .776 | .042 | 120 | 332 | -.026 | .132 | .375 | -.468 |
| 120 | 213 | .557 | .140 | .998 | .147 | 120 | 263 | .387 | .122 | .828 | .055 | 120 | 333 | .291 | .138 | .752 | -.409 |
| 120 | 214 | .598 | .117 | .951 | .252 | 120 | 264 | .283 | .129 | .715 | -.072 | 120 | 334 | .228 | .170 | .734 | -.630 |
| 120 | 215 | .528 | .105 | .839 | .214 | 120 | 265 | .241 | .106 | .649 | -.043 | 120 | 336 | .381 | .135 | .793 | -.247 |
| 120 | 216 | .375 | .086 | .703 | .126 | 120 | 266 | .228 | .104 | .658 | -.037 | 120 | 337 | .337 | .137 | .732 | -.328 |
| 120 | 217 | .096 | .054 | .356 | -.100 | 120 | 267 | .223 | .086 | .603 | .002 | 120 | 338 | .396 | .117 | .838 | -.058 |
| 120 | 218 | -.005 | .041 | .142 | -.155 | 120 | 268 | .271 | .107 | .760 | .002 | 120 | 339 | .363 | .129 | .822 | -.023 |
| 120 | 219 | .495 | .137 | .916 | .122 | 120 | 269 | .209 | .105 | .632 | -.202 | 120 | 340 | .339 | .119 | .771 | -.105 |
| 120 | 220 | .535 | .138 | .984 | .149 | 120 | 270 | .245 | .101 | .604 | -.069 | 120 | 341 | .342 | .116 | .766 | -.096 |
| 120 | 221 | .485 | .110 | .810 | .164 | 120 | 271 | .269 | .101 | .676 | .002 | 120 | 342 | .336 | .115 | .751 | -.083 |
| 120 | 222 | .358 | .088 | .610 | .120 | 120 | 272 | .226 | .092 | .655 | -.112 | 120 | 343 | .344 | .105 | .735 | .067 |
| 120 | 223 | .052 | .054 | .254 | -.125 | 120 | 273 | .137 | .075 | .475 | -.040 | 120 | 344 | .328 | .104 | .726 | .054 |
| 120 | 224 | -.073 | .042 | .090 | -.236 | 120 | 274 | .114 | .068 | .404 | -.074 | 120 | 345 | .351 | .101 | .725 | .081 |
| 120 | 225 | .476 | .142 | .905 | .076 | 120 | 275 | .191 | .072 | .477 | -.046 | 120 | 346 | .331 | .097 | .707 | .041 |
| 120 | 226 | .506 | .117 | .863 | .188 | 120 | 276 | .200 | .074 | .650 | .030 | 120 | 347 | -.125 | .034 | -.009 | -.276 |
| 120 | 227 | .422 | .106 | .777 | .139 | 120 | 277 | .253 | .085 | .679 | .074 | 120 | 348 | -.113 | .039 | .012 | -.286 |
| 120 | 228 | .290 | .085 | .550 | .050 | 120 | 278 | .251 | .080 | .596 | .079 | 120 | 349 | -.021 | .056 | .165 | -.366 |
| 120 | 229 | .041 | .053 | .271 | -.112 | 120 | 279 | .185 | .064 | .475 | .024 | 120 | 350 | .067 | .077 | .333 | -.338 |
| 120 | 230 | -.043 | .044 | .135 | -.189 | 120 | 280 | .156 | .066 | .459 | -.015 | 120 | 351 | -.055 | .174 | .420 | -.772 |
| 120 | 231 | .418 | .121 | .869 | .124 | 120 | 301 | -.166 | .035 | -.043 | -.305 | 120 | 352 | -.218 | .180 | .352 | -1.055 |
| 120 | 232 | .428 | .128 | .884 | .085 | 120 | 302 | -.114 | .035 | .030 | -.261 | 120 | 353 | -.168 | .036 | -.033 | -.330 |
| 120 | 233 | .372 | .113 | .774 | .100 | 120 | 303 | -.027 | .043 | .116 | -.189 | 120 | 354 | -.122 | .037 | .009 | -.314 |
| 120 | 234 | .382 | .105 | .742 | .110 | 120 | 304 | -.010 | .053 | .181 | -.162 | 120 | 355 | -.173 | .034 | -.019 | -.302 |
| 120 | 235 | .319 | .091 | .647 | .097 | 120 | 305 | -.068 | .152 | .330 | -.545 | 120 | 356 | -.135 | .035 | .006 | -.252 |
| 120 | 236 | .215 | .072 | .479 | .020 | 120 | 306 | -.148 | .134 | .328 | -.596 | 120 | 357 | -.007 | .050 | .163 | -.154 |
| 120 | 237 | .022 | .053 | .232 | -.154 | 120 | 307 | -.173 | .033 | -.052 | -.308 | 120 | 358 | .054 | .082 | .299 | -.260 |
| 120 | 238 | .040 | .048 | .262 | -.138 | 120 | 308 | -.105 | .034 | .050 | -.259 | 120 | 359 | -.118 | .154 | .376 | -.615 |
| 120 | 239 | .329 | .102 | .749 | -.015 | 120 | 309 | .017 | .052 | .253 | -.153 | 120 | 360 | -.143 | .137 | .331 | -.710 |
| 120 | 240 | .327 | .099 | .731 | .010 | 120 | 310 | .057 | .061 | .278 | -.115 | 120 | 361 | -.169 | .034 | -.047 | -.310 |
| 120 | 241 | .344 | .096 | .796 | .071 | 120 | 311 | -.032 | .176 | .436 | -.604 | 120 | 362 | -.120 | .033 | .041 | -.252 |
| 120 | 242 | .370 | .095 | .751 | .130 | 120 | 312 | -.080 | .160 | .470 | -.645 | 120 | 363 | -.006 | .049 | .209 | -.215 |
| 120 | 243 | .332 | .094 | .749 | .114 | 120 | 313 | -.152 | .030 | -.065 | -.271 | 120 | 364 | -.050 | .132 | .299 | -.545 |
| 120 | 244 | .107 | .062 | .326 | -.078 | 120 | 314 | -.091 | .031 | .014 | -.195 | 120 | 365 | .021 | .147 | .434 | -.541 |
| 120 | 245 | .001 | .048 | .247 | -.168 | 120 | 315 | .064 | .052 | .259 | -.074 | 120 | 366 | .074 | .121 | .557 | -.350 |
| 120 | 246 | -.069 | .047 | .079 | -.306 | 120 | 316 | .165 | .078 | .426 | -.279 | 120 | 367 | .008 | .124 | .528 | -.516 |
| 120 | 247 | .100 | .060 | .327 | -.110 | 120 | 317 | .040 | .193 | .561 | -.571 | 120 | 368 | .260 | .113 | .741 | -.002 |
| 120 | 248 | .152 | .084 | .481 | -.060 | 120 | 318 | .014 | .175 | .522 | -.588 | 120 | 369 | .125 | .100 | .545 | -.173 |
| 120 | 249 | .069 | .056 | .320 | -.146 | 120 | 319 | -.156 | .031 | -.050 | -.278 | 120 | 370 | .243 | .101 | .726 | -.000 |
| 120 | 250 | .453 | .117 | .859 | .113 | 120 | 320 | -.096 | .030 | .009 | -.200 | 120 | 371 | .220 | .098 | .590 | -.051 |
| 120 | 251 | .489 | .125 | .949 | .087 | 120 | 321 | .056 | .051 | .229 | -.108 | 120 | 372 | .238 | .101 | .646 | -.007 |
| 120 | 252 | .435 | .139 | .941 | .011 | 120 | 322 | .158 | .077 | .404 | -.155 | 120 | 373 | .235 | .103 | .619 | -.109 |
| 120 | 253 | .391 | .116 | .747 | .090 | 120 | 323 | .054 | .180 | .591 | -.487 | 120 | 374 | -.193 | .046 | -.042 | -.389 |
| 120 | 254 | .420 | .130 | .795 | .062 | 120 | 324 | .025 | .171 | .597 | -.563 | 120 | 375 | -.164 | .050 | .009 | -.372 |
| 120 | 255 | .361 | .118 | .744 | .050 | 120 | 325 | -.156 | .032 | -.047 | -.298 | 120 | 376 | -.093 | .070 | .147 | -.399 |
| 120 | 256 | .402 | .118 | .899 | -.034 | 120 | 326 | -.090 | .030 | .022 | -.221 | 120 | 377 | -.047 | .101 | .240 | -.626 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 120 | 378 | -.193 | .174 | .294 | -.830 | 120 | 520 | -.242 | .048 | -.098 | -.405 | 120 | 570 | -.305 | .048 | -.162 | -.513 |
| 120 | 379 | -.460 | .218 | .146 | -1.196 | 120 | 521 | -.217 | .038 | -.098 | -.351 | 120 | 571 | -.323 | .050 | -.198 | -.570 |
| 120 | 380 | -.209 | .043 | -.076 | -.404 | 120 | 522 | -.221 | .035 | -.121 | -.349 | 120 | 572 | -.310 | .055 | -.139 | -.586 |
| 120 | 381 | -.164 | .043 | -.014 | -.394 | 120 | 523 | -.208 | .035 | -.105 | -.350 | 120 | 573 | -.312 | .058 | -.128 | -.616 |
| 120 | 382 | -.218 | .039 | -.099 | -.358 | 120 | 524 | -.218 | .036 | -.114 | -.353 | 120 | 574 | -.300 | .061 | -.121 | -.657 |
| 120 | 383 | -.166 | .037 | -.052 | -.280 | 120 | 525 | -.222 | .039 | -.105 | -.388 | 120 | 575 | -.310 | .063 | -.132 | -.698 |
| 120 | 384 | -.078 | .038 | .086 | -.198 | 120 | 526 | -.220 | .039 | -.110 | -.386 | 120 | 576 | -.296 | .057 | -.123 | -.576 |
| 120 | 385 | -.040 | .070 | .180 | -.329 | 120 | 527 | -.227 | .044 | -.112 | -.428 | 120 | 577 | -.292 | .050 | -.156 | -.476 |
| 120 | 386 | -.264 | .131 | .191 | -.744 | 120 | 528 | -.234 | .043 | -.116 | -.385 | 120 | 578 | -.276 | .047 | -.126 | -.455 |
| 120 | 387 | -.284 | .119 | .121 | -.865 | 120 | 529 | -.303 | .054 | -.068 | -.505 | 120 | 579 | -.275 | .046 | -.118 | -.490 |
| 120 | 388 | -.222 | .038 | -.076 | -.377 | 120 | 530 | -.288 | .055 | -.029 | -.471 | 120 | 580 | -.311 | .066 | -.128 | -.558 |
| 120 | 389 | -.182 | .033 | -.051 | -.307 | 120 | 531 | -.276 | .051 | -.119 | -.474 | 120 | 581 | -.289 | .059 | -.130 | -.520 |
| 120 | 390 | -.189 | .041 | -.035 | -.373 | 120 | 532 | -.236 | .044 | -.098 | -.387 | 120 | 582 | -.275 | .053 | -.126 | -.467 |
| 120 | 391 | -.024 | .073 | .210 | -.308 | 120 | 533 | -.243 | .042 | -.104 | -.408 | 120 | 583 | -.296 | .058 | -.136 | -.529 |
| 120 | 392 | -.180 | .122 | .227 | -.662 | 120 | 534 | -.233 | .041 | -.099 | -.364 | 120 | 584 | -.278 | .058 | -.102 | -.480 |
| 120 | 393 | -.215 | .130 | .160 | -.776 | 120 | 535 | -.239 | .048 | -.086 | -.457 | 120 | 585 | -.295 | .060 | -.098 | -.561 |
| 120 | 394 | -.168 | .053 | .051 | -.397 | 120 | 536 | -.306 | .052 | -.142 | -.494 | 120 | 586 | -.282 | .056 | -.094 | -.554 |
| 120 | 395 | -.145 | .054 | .094 | -.364 | 120 | 537 | -.296 | .055 | -.098 | -.529 | 120 | 587 | -.280 | .052 | -.111 | -.438 |
| 120 | 396 | -.229 | .047 | -.096 | -.429 | 120 | 538 | -.321 | .051 | -.171 | -.531 | 120 | 588 | -.282 | .046 | -.114 | -.475 |
| 120 | 397 | -.150 | .049 | -.001 | -.491 | 120 | 539 | -.328 | .054 | -.121 | -.556 | 120 | 589 | -.272 | .046 | -.082 | -.490 |
| 120 | 398 | -.121 | .039 | .036 | -.277 | 120 | 540 | -.327 | .055 | -.165 | -.547 | 120 | 590 | -.265 | .046 | -.098 | -.483 |
| 120 | 399 | -.049 | .059 | .198 | -.246 | 120 | 541 | -.322 | .053 | -.167 | -.540 | 120 | 591 | -.295 | .063 | -.104 | -.597 |
| 120 | 400 | -.090 | .113 | .307 | -.640 | 120 | 542 | -.336 | .054 | -.175 | -.568 | 120 | 592 | -.272 | .055 | -.003 | -.517 |
| 120 | 401 | .023 | .130 | .333 | -.992 | 120 | 543 | -.315 | .059 | -.160 | -.590 | 120 | 593 | -.266 | .043 | -.047 | -.421 |
| 120 | 402 | -.010 | .110 | .395 | -.427 | 120 | 544 | -.314 | .058 | -.167 | -.612 | 120 | 594 | -.265 | .042 | -.135 | -.414 |
| 120 | 403 | -.128 | .038 | .049 | -.260 | 120 | 545 | -.310 | .062 | -.128 | -.670 | 120 | 595 | -.279 | .045 | -.127 | -.431 |
| 120 | 404 | -.076 | .041 | .093 | -.213 | 120 | 546 | -.316 | .061 | -.134 | -.661 | 120 | 596 | -.280 | .048 | -.133 | -.492 |
| 120 | 405 | .032 | .059 | .249 | -.141 | 120 | 547 | -.316 | .063 | -.135 | -.652 | 120 | 597 | -.257 | .052 | -.135 | -.479 |
| 120 | 406 | .110 | .067 | .358 | -.099 | 120 | 548 | -.315 | .063 | -.149 | -.633 | 120 | 598 | -.255 | .050 | -.117 | -.437 |
| 120 | 407 | .085 | .088 | .344 | -.392 | 120 | 549 | -.283 | .056 | -.027 | -.517 | 120 | 599 | -.198 | .042 | -.047 | -.370 |
| 120 | 408 | .067 | .087 | .366 | -.493 | 120 | 550 | -.283 | .053 | -.070 | -.499 | 120 | 600 | -.217 | .045 | -.079 | -.391 |
| 120 | 501 | -.263 | .062 | -.019 | -.836 | 120 | 551 | -.256 | .045 | -.084 | -.420 | 120 | 701 | .056 | .057 | .300 | -.103 |
| 120 | 502 | -.248 | .053 | -.041 | -.608 | 120 | 552 | -.279 | .064 | -.100 | -.610 | 120 | 702 | -.258 | .041 | -.117 | -.400 |
| 120 | 503 | -.221 | .049 | -.076 | -.908 | 120 | 553 | -.253 | .051 | -.071 | -.492 | 120 | 703 | -.223 | .038 | -.043 | -.364 |
| 120 | 504 | -.230 | .046 | -.048 | -.424 | 120 | 554 | -.257 | .047 | -.084 | -.426 | 120 | 704 | -.278 | .048 | -.142 | -.482 |
| 120 | 505 | -.243 | .046 | -.068 | -.382 | 120 | 555 | -.239 | .053 | -.100 | -.521 | 120 | 705 | -.320 | .052 | -.157 | -.562 |
| 120 | 506 | -.224 | .044 | -.087 | -.384 | 120 | 556 | -.235 | .050 | -.091 | -.478 | 120 | 706 | -.391 | .121 | -.070 | -1.167 |
| 120 | 507 | -.255 | .053 | -.043 | -.454 | 120 | 557 | -.289 | .051 | -.124 | -.602 | 120 | 707 | -.299 | .069 | -.079 | -.658 |
| 120 | 508 | -.241 | .045 | -.061 | -.526 | 120 | 558 | -.283 | .048 | -.136 | -.517 | 120 | 708 | -.312 | .065 | -.105 | -.573 |
| 120 | 509 | -.219 | .043 | -.061 | -.391 | 120 | 559 | -.258 | .041 | -.118 | -.401 | 120 | 709 | -.348 | .065 | -.183 | -.810 |
| 120 | 510 | -.217 | .043 | -.079 | -.386 | 120 | 560 | -.257 | .039 | -.151 | -.418 | 120 | 710 | -.337 | .066 | -.186 | -.770 |
| 120 | 511 | -.208 | .040 | -.092 | -.347 | 120 | 561 | -.248 | .039 | -.140 | -.453 | 120 | 711 | -.314 | .061 | -.123 | -.567 |
| 120 | 512 | -.221 | .043 | -.043 | -.395 | 120 | 562 | -.257 | .039 | -.143 | -.435 | 120 | 712 | -.329 | .071 | -.084 | -.734 |
| 120 | 513 | -.243 | .044 | -.109 | -.461 | 120 | 563 | -.306 | .048 | -.165 | -.505 | 120 | 713 | -.332 | .059 | -.162 | -.597 |
| 120 | 514 | -.232 | .038 | -.112 | -.369 | 120 | 564 | -.300 | .047 | -.165 | -.499 | 120 | 714 | -.296 | .062 | -.108 | -.620 |
| 120 | 515 | -.224 | .036 | -.111 | -.354 | 120 | 565 | -.302 | .043 | -.175 | -.502 | 120 | 715 | -.328 | .060 | -.161 | -.628 |
| 120 | 516 | -.221 | .035 | -.069 | -.342 | 120 | 566 | -.256 | .039 | -.135 | -.435 | 120 | 716 | -.281 | .068 | -.107 | -.590 |
| 120 | 517 | -.216 | .036 | -.094 | -.353 | 120 | 567 | -.257 | .040 | -.141 | -.385 | 120 | 717 | -.204 | .044 | -.058 | -.378 |
| 120 | 518 | -.216 | .036 | -.094 | -.333 | 120 | 568 | -.255 | .046 | -.141 | -.542 | 120 | 718 | -.219 | .036 | -.073 | -.343 |
| 120 | 519 | -.248 | .052 | -.030 | -.547 | 120 | 569 | -.252 | .046 | -.128 | -.566 | 120 | 719 | -.252 | .041 | -.097 | -.383 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 120 | 720 | -.236 | .049 | -.066 | -.415 | 120 | 934 | -.358 | .105 | .036 | -.821 | 130 | 142 | -.312 | .062 | -.149 | -.621 |
| 120 | 721 | -.254 | .046 | -.126 | -.538 | 120 | 935 | -.297 | .078 | -.025 | -.551 | 130 | 143 | -.309 | .064 | -.147 | -.637 |
| 120 | 722 | -.286 | .058 | -.104 | -.540 | 120 | 936 | -.359 | .077 | -.106 | -.605 | 130 | 144 | -.317 | .067 | -.137 | -.688 |
| 120 | 723 | -.267 | .044 | -.129 | -.434 | 120 | 937 | -.355 | .066 | -.123 | -.574 | 130 | 145 | -.307 | .061 | -.134 | -.585 |
| 120 | 724 | -.321 | .059 | -.160 | -.560 | 120 | 938 | -.408 | .084 | -.132 | -.769 | 130 | 146 | -.311 | .065 | -.121 | -.638 |
| 120 | 725 | .229 | .201 | .675 | -.611 | 120 | 939 | -.423 | .098 | -.072 | -.849 | 130 | 147 | -.335 | .079 | -.103 | -.764 |
| 120 | 726 | .240 | .212 | .749 | -.621 | 120 | 940 | -.364 | .067 | -.135 | -.612 | 130 | 148 | -.325 | .077 | -.085 | -.664 |
| 120 | 727 | .238 | .211 | .799 | -.584 | 120 | 941 | -.390 | .076 | -.148 | -.700 | 130 | 149 | -.309 | .073 | -.099 | -.613 |
| 120 | 728 | .360 | .123 | .790 | -.091 | 120 | 942 | -.412 | .114 | -.137 | -1.027 | 130 | 150 | -.304 | .069 | -.029 | -.738 |
| 120 | 729 | .319 | .102 | .720 | .064 | 130 | 101 | -.246 | .039 | -.110 | -.382 | 130 | 151 | -.294 | .061 | -.086 | -.657 |
| 120 | 730 | .079 | .147 | .523 | -.377 | 130 | 102 | -.257 | .039 | -.130 | -.398 | 130 | 152 | -.300 | .061 | -.101 | -.719 |
| 120 | 731 | .016 | .102 | .522 | -.511 | 130 | 103 | -.253 | .039 | -.120 | -.386 | 130 | 153 | -.009 | .058 | .202 | -.195 |
| 120 | 732 | .231 | .107 | .640 | -.056 | 130 | 104 | -.246 | .049 | -.037 | -.500 | 130 | 154 | -.019 | .060 | .195 | -.213 |
| 120 | 733 | -.136 | .160 | .383 | -.890 | 130 | 105 | -.266 | .053 | -.097 | -.523 | 130 | 155 | .004 | .055 | .265 | -.158 |
| 120 | 734 | -.180 | .117 | .284 | -.595 | 130 | 106 | -.266 | .067 | -.089 | -1.144 | 130 | 156 | -.014 | .068 | .299 | -.236 |
| 120 | 735 | -.235 | .049 | -.087 | -.419 | 130 | 107 | -.236 | .037 | -.075 | -.400 | 130 | 157 | -.296 | .063 | -.102 | -.554 |
| 120 | 736 | .057 | .096 | .364 | -.530 | 130 | 108 | -.239 | .037 | -.071 | -.402 | 130 | 158 | -.281 | .060 | -.114 | -.480 |
| 120 | 901 | .016 | .062 | .331 | -.214 | 130 | 109 | -.240 | .039 | -.093 | -.420 | 130 | 159 | -.312 | .066 | -.103 | -.580 |
| 120 | 902 | .037 | .056 | .342 | -.169 | 130 | 110 | -.236 | .041 | -.045 | -.508 | 130 | 160 | -.308 | .051 | -.135 | -.553 |
| 120 | 903 | -.013 | .090 | .379 | -.309 | 130 | 111 | -.257 | .049 | -.068 | -.527 | 130 | 161 | -.330 | .053 | -.182 | -.596 |
| 120 | 904 | .199 | .073 | .517 | .032 | 130 | 112 | -.271 | .054 | -.065 | -.817 | 130 | 162 | -.317 | .047 | -.182 | -.518 |
| 120 | 905 | .265 | .086 | .592 | .066 | 130 | 113 | -.225 | .037 | -.092 | -.336 | 130 | 163 | -.304 | .052 | -.147 | -.588 |
| 120 | 906 | .220 | .078 | .548 | .017 | 130 | 114 | -.229 | .036 | -.093 | -.350 | 130 | 164 | -.332 | .053 | -.183 | -.588 |
| 120 | 907 | .295 | .086 | .717 | .110 | 130 | 115 | -.237 | .039 | -.124 | -.401 | 130 | 165 | -.303 | .052 | -.132 | -.589 |
| 120 | 908 | .357 | .094 | .795 | .107 | 130 | 116 | -.256 | .040 | -.130 | -.427 | 130 | 166 | -.315 | .054 | -.163 | -.618 |
| 120 | 909 | .324 | .092 | .676 | .107 | 130 | 117 | -.270 | .051 | -.101 | -.582 | 130 | 167 | -.294 | .056 | -.139 | -.557 |
| 120 | 910 | .313 | .092 | .797 | .086 | 130 | 118 | -.261 | .047 | -.120 | -.489 | 130 | 168 | -.302 | .059 | -.152 | -.616 |
| 120 | 911 | -.266 | .038 | -.132 | -.447 | 130 | 119 | -.233 | .041 | -.085 | -.367 | 130 | 169 | -.291 | .062 | -.125 | -.661 |
| 120 | 912 | -.265 | .038 | -.150 | -.458 | 130 | 120 | -.237 | .041 | -.081 | -.379 | 130 | 170 | -.266 | .047 | -.136 | -.455 |
| 120 | 913 | -.251 | .046 | -.116 | -.445 | 130 | 121 | -.254 | .042 | -.129 | -.435 | 130 | 171 | -.305 | .049 | -.163 | -.555 |
| 120 | 914 | .041 | .066 | .309 | -.140 | 130 | 122 | -.280 | .042 | -.154 | -.461 | 130 | 172 | -.320 | .054 | -.170 | -.564 |
| 120 | 915 | -.013 | .051 | .191 | -.194 | 130 | 123 | -.307 | .057 | -.159 | -.525 | 130 | 173 | -.302 | .054 | -.141 | -.579 |
| 120 | 916 | -.069 | .040 | .078 | -.218 | 130 | 124 | -.324 | .063 | -.156 | -.589 | 130 | 174 | -.295 | .051 | -.154 | -.519 |
| 120 | 917 | .001 | .047 | .223 | -.146 | 130 | 125 | -.294 | .046 | -.161 | -.518 | 130 | 175 | -.260 | .055 | -.087 | -.540 |
| 120 | 918 | -.155 | .145 | .378 | -.710 | 130 | 126 | -.290 | .045 | -.154 | -.513 | 130 | 176 | -.301 | .063 | -.120 | -.640 |
| 120 | 919 | -.147 | .164 | .560 | -.745 | 130 | 127 | -.302 | .045 | -.175 | -.528 | 130 | 177 | -.288 | .060 | -.103 | -.599 |
| 120 | 920 | -.245 | .042 | -.106 | -.394 | 130 | 128 | -.319 | .046 | -.189 | -.499 | 130 | 178 | -.288 | .069 | -.071 | -.656 |
| 120 | 921 | -.259 | .044 | -.120 | -.406 | 130 | 129 | -.359 | .062 | -.207 | -.623 | 130 | 201 | .372 | .116 | .674 | -.109 |
| 120 | 922 | -.241 | .047 | -.130 | -.524 | 130 | 130 | -.364 | .067 | -.202 | -.670 | 130 | 202 | .336 | .103 | .632 | -.018 |
| 120 | 923 | .073 | .069 | .315 | -.122 | 130 | 131 | -.335 | .062 | -.148 | -.717 | 130 | 203 | .139 | .073 | .399 | -.133 |
| 120 | 924 | .010 | .054 | .208 | -.132 | 130 | 132 | -.344 | .065 | -.178 | -.772 | 130 | 204 | .081 | .060 | .301 | -.145 |
| 120 | 925 | -.052 | .040 | .067 | -.237 | 130 | 133 | -.320 | .054 | -.133 | -.608 | 130 | 205 | -.046 | .055 | .273 | -.260 |
| 120 | 926 | .049 | .056 | .272 | -.274 | 130 | 134 | -.317 | .052 | -.179 | -.571 | 130 | 206 | -.073 | .039 | .067 | -.243 |
| 120 | 927 | -.103 | .131 | .424 | -.556 | 130 | 135 | -.327 | .052 | -.195 | -.602 | 130 | 207 | .509 | .126 | .891 | -.068 |
| 120 | 928 | -.091 | .137 | .565 | -.578 | 130 | 136 | -.277 | .049 | -.148 | -.453 | 130 | 208 | .466 | .111 | .789 | .088 |
| 120 | 929 | -.195 | .061 | .067 | -.418 | 130 | 137 | -.335 | .062 | -.194 | -.665 | 130 | 209 | .291 | .084 | .543 | .005 |
| 120 | 930 | -.311 | .068 | -.078 | -.529 | 130 | 138 | -.334 | .065 | -.163 | -.697 | 130 | 210 | .204 | .071 | .501 | -.024 |
| 120 | 931 | -.304 | .055 | -.097 | -.482 | 130 | 139 | -.322 | .061 | -.175 | -.632 | 130 | 211 | -.028 | .049 | .187 | -.185 |
| 120 | 932 | -.144 | .086 | .144 | -.414 | 130 | 140 | -.329 | .065 | -.171 | -.681 | 130 | 212 | -.080 | .039 | .075 | -.203 |
| 120 | 933 | -.289 | .057 | -.099 | -.475 | 130 | 141 | -.307 | .062 | -.139 | -.609 | 130 | 213 | .560 | .135 | .937 | .135 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 130 | 214 | .561 | .114 | .849 | .069 | 130 | 264 | .371 | .130 | .844 | -.045 | 130 | 334 | .444 | .132 | .877 | .073 |
| 130 | 215 | .418 | .094 | .711 | .157 | 130 | 265 | .295 | .106 | .746 | .032 | 130 | 336 | .462 | .120 | .884 | .012 |
| 130 | 216 | .258 | .072 | .519 | .063 | 130 | 266 | .322 | .113 | .753 | .072 | 130 | 337 | .452 | .122 | .894 | .052 |
| 130 | 217 | -.001 | .043 | .206 | -.147 | 130 | 267 | .288 | .094 | .672 | -.017 | 130 | 338 | .433 | .117 | .796 | .151 |
| 130 | 218 | -.066 | .035 | .054 | -.172 | 130 | 268 | .358 | .109 | .792 | .119 | 130 | 339 | .418 | .120 | .826 | .154 |
| 130 | 219 | .490 | .129 | .844 | .044 | 130 | 269 | .184 | .101 | .574 | -.238 | 130 | 340 | .384 | .113 | .784 | .109 |
| 130 | 220 | .488 | .123 | .827 | -.098 | 130 | 270 | .199 | .095 | .568 | -.200 | 130 | 341 | .382 | .110 | .780 | .118 |
| 130 | 221 | .379 | .092 | .658 | .120 | 130 | 271 | .193 | .086 | .535 | -.101 | 130 | 342 | .368 | .110 | .782 | .124 |
| 130 | 222 | .262 | .069 | .557 | .084 | 130 | 272 | .180 | .069 | .469 | -.035 | 130 | 343 | .355 | .099 | .782 | .109 |
| 130 | 223 | -.026 | .042 | .142 | -.153 | 130 | 273 | .095 | .057 | .339 | -.040 | 130 | 344 | .329 | .098 | .764 | .067 |
| 130 | 224 | -.117 | .038 | .030 | -.246 | 130 | 274 | .069 | .053 | .291 | -.111 | 130 | 345 | .364 | .097 | .822 | .158 |
| 130 | 225 | .429 | .137 | .903 | -.032 | 130 | 275 | .211 | .077 | .618 | .012 | 130 | 346 | .327 | .091 | .777 | .100 |
| 130 | 226 | .422 | .116 | .825 | -.053 | 130 | 276 | .221 | .071 | .521 | .007 | 130 | 347 | -.071 | .042 | .064 | -.253 |
| 130 | 227 | .322 | .090 | .594 | .064 | 130 | 277 | .226 | .075 | .499 | .030 | 130 | 348 | -.040 | .048 | .146 | -.299 |
| 130 | 228 | .193 | .067 | .419 | .010 | 130 | 278 | .209 | .070 | .521 | .027 | 130 | 349 | .085 | .070 | .362 | -.255 |
| 130 | 229 | -.033 | .045 | .135 | -.169 | 130 | 279 | .131 | .057 | .349 | -.015 | 130 | 350 | .205 | .092 | .471 | -.231 |
| 130 | 230 | -.096 | .038 | .064 | -.248 | 130 | 280 | .107 | .059 | .352 | -.070 | 130 | 351 | .241 | .144 | .599 | -.423 |
| 130 | 231 | .318 | .136 | .879 | -.163 | 130 | 301 | -.131 | .033 | -.023 | -.273 | 130 | 352 | .150 | .175 | .590 | -.494 |
| 130 | 232 | .321 | .124 | .794 | -.190 | 130 | 302 | -.057 | .040 | .081 | -.230 | 130 | 353 | -.120 | .038 | -.003 | -.288 |
| 130 | 233 | .267 | .132 | .756 | -.159 | 130 | 303 | .044 | .054 | .215 | -.125 | 130 | 354 | -.052 | .043 | .114 | -.249 |
| 130 | 234 | .311 | .113 | .715 | -.124 | 130 | 304 | .084 | .065 | .285 | -.127 | 130 | 355 | -.118 | .036 | .013 | -.322 |
| 130 | 235 | .262 | .078 | .564 | .074 | 130 | 305 | .199 | .106 | .514 | -.240 | 130 | 356 | -.062 | .039 | .098 | -.219 |
| 130 | 236 | .159 | .061 | .409 | .003 | 130 | 306 | .213 | .148 | .600 | -.425 | 130 | 357 | .091 | .056 | .295 | -.086 |
| 130 | 237 | -.030 | .046 | .135 | -.176 | 130 | 307 | -.136 | .032 | -.034 | -.265 | 130 | 358 | .189 | .078 | .499 | -.053 |
| 130 | 238 | -.003 | .043 | .186 | -.121 | 130 | 308 | -.038 | .041 | .099 | -.158 | 130 | 359 | .165 | .150 | .664 | -.329 |
| 130 | 239 | .245 | .125 | .689 | -.130 | 130 | 309 | .125 | .066 | .374 | -.081 | 130 | 360 | .134 | .145 | .726 | -.323 |
| 130 | 240 | .253 | .118 | .629 | -.118 | 130 | 310 | .210 | .080 | .484 | -.055 | 130 | 361 | -.126 | .035 | .009 | -.244 |
| 130 | 241 | .287 | .114 | .678 | -.112 | 130 | 311 | .346 | .122 | .701 | -.173 | 130 | 362 | -.052 | .041 | .116 | -.173 |
| 130 | 242 | .308 | .107 | .674 | -.065 | 130 | 312 | .344 | .157 | .755 | -.169 | 130 | 363 | .105 | .067 | .331 | -.119 |
| 130 | 243 | .273 | .088 | .646 | .047 | 130 | 313 | -.111 | .029 | -.015 | -.221 | 130 | 364 | .149 | .131 | .527 | -.289 |
| 130 | 244 | .042 | .060 | .276 | -.153 | 130 | 314 | -.020 | .039 | .132 | -.145 | 130 | 365 | .251 | .122 | .691 | -.195 |
| 130 | 245 | -.029 | .043 | .120 | -.203 | 130 | 315 | .194 | .069 | .447 | -.002 | 130 | 366 | .282 | .121 | .659 | -.091 |
| 130 | 246 | -.111 | .043 | .025 | -.292 | 130 | 316 | .335 | .096 | .660 | .078 | 130 | 367 | .236 | .129 | .675 | -.193 |
| 130 | 247 | .015 | .057 | .249 | -.180 | 130 | 317 | .441 | .142 | .782 | -.161 | 130 | 368 | .371 | .121 | .774 | .045 |
| 130 | 248 | .101 | .080 | .454 | -.110 | 130 | 318 | .434 | .167 | .844 | -.160 | 130 | 369 | .288 | .115 | .670 | -.032 |
| 130 | 249 | .046 | .056 | .250 | -.152 | 130 | 319 | -.113 | .032 | -.005 | -.236 | 130 | 370 | .345 | .100 | .759 | .100 |
| 130 | 250 | .469 | .138 | .905 | .135 | 130 | 320 | -.027 | .039 | .124 | -.173 | 130 | 371 | .317 | .100 | .729 | -.019 |
| 130 | 251 | .466 | .127 | .927 | .144 | 130 | 321 | .172 | .071 | .395 | -.027 | 130 | 372 | .348 | .109 | .831 | .043 |
| 130 | 252 | .465 | .132 | .941 | .140 | 130 | 322 | .307 | .101 | .620 | .046 | 130 | 373 | .339 | .102 | .796 | .060 |
| 130 | 253 | .428 | .127 | .849 | .137 | 130 | 323 | .408 | .158 | .812 | -.179 | 130 | 374 | -.147 | .053 | .027 | -.376 |
| 130 | 254 | .474 | .122 | .930 | .169 | 130 | 324 | .402 | .181 | .844 | -.208 | 130 | 375 | -.106 | .061 | .099 | -.352 |
| 130 | 255 | .396 | .115 | .801 | .114 | 130 | 325 | -.117 | .035 | -.005 | -.296 | 130 | 376 | -.007 | .083 | .260 | -.388 |
| 130 | 256 | .393 | .114 | .777 | .111 | 130 | 326 | -.017 | .042 | .122 | -.149 | 130 | 377 | .066 | .114 | .401 | -.490 |
| 130 | 257 | .415 | .116 | .772 | .143 | 130 | 327 | -.126 | .038 | .007 | -.278 | 130 | 378 | .090 | .137 | .469 | -.445 |
| 130 | 258 | .375 | .103 | .703 | .135 | 130 | 328 | -.030 | .042 | .114 | -.168 | 130 | 379 | -.110 | .214 | .466 | -.911 |
| 130 | 259 | .362 | .102 | .692 | .138 | 130 | 329 | -.110 | .038 | -.005 | -.264 | 130 | 380 | -.171 | .047 | -.021 | -.364 |
| 130 | 260 | .389 | .112 | .807 | .149 | 130 | 330 | -.018 | .040 | .107 | -.169 | 130 | 381 | -.107 | .052 | .074 | -.371 |
| 130 | 261 | .408 | .121 | .876 | .147 | 130 | 331 | .182 | .065 | .387 | -.000 | 130 | 382 | -.178 | .040 | -.049 | -.345 |
| 130 | 262 | .398 | .123 | .864 | .086 | 130 | 332 | .234 | .138 | .624 | -.203 | 130 | 383 | -.111 | .036 | .022 | -.230 |
| 130 | 263 | .428 | .130 | .875 | .083 | 130 | 333 | .445 | .122 | .879 | .123 | 130 | 384 | .004 | .045 | .192 | -.119 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 130 | 385 | .085 | .065 | .336 | -.126 | 130 | 527 | -.225 | .049 | -.069 | -.472 | 130 | 577 | -.278 | .046 | -.119 | -.478 |
| 130 | 386 | -.027 | .140 | .428 | -.464 | 130 | 528 | -.245 | .049 | -.097 | -.473 | 130 | 578 | -.262 | .043 | -.124 | -.443 |
| 130 | 387 | -.021 | .139 | .439 | -.572 | 130 | 529 | -.288 | .059 | -.073 | -.519 | 130 | 579 | -.279 | .043 | -.157 | -.466 |
| 130 | 388 | -.175 | .039 | -.053 | -.308 | 130 | 530 | -.276 | .060 | -.074 | -.502 | 130 | 580 | -.329 | .071 | -.107 | -.631 |
| 130 | 389 | -.120 | .036 | -.002 | -.234 | 130 | 531 | -.261 | .050 | -.081 | -.420 | 130 | 581 | -.285 | .057 | -.098 | -.548 |
| 130 | 390 | -.098 | .043 | .031 | -.258 | 130 | 532 | -.238 | .045 | -.107 | -.434 | 130 | 582 | -.267 | .051 | -.093 | -.446 |
| 130 | 391 | .120 | .073 | .376 | -.083 | 130 | 533 | -.258 | .048 | -.133 | -.540 | 130 | 583 | -.298 | .057 | -.121 | -.497 |
| 130 | 392 | .063 | .124 | .477 | -.313 | 130 | 534 | -.240 | .056 | -.098 | -.493 | 130 | 584 | -.273 | .054 | -.083 | -.480 |
| 130 | 393 | .033 | .122 | .412 | -.376 | 130 | 535 | -.247 | .053 | -.092 | -.581 | 130 | 585 | -.284 | .052 | -.102 | -.548 |
| 130 | 394 | -.081 | .058 | .164 | -.270 | 130 | 536 | -.289 | .052 | -.090 | -.430 | 130 | 586 | -.265 | .050 | -.055 | -.482 |
| 130 | 395 | -.022 | .075 | .344 | -.213 | 130 | 537 | -.264 | .058 | -.057 | -.453 | 130 | 587 | -.285 | .047 | -.152 | -.507 |
| 130 | 396 | -.131 | .046 | .057 | -.293 | 130 | 538 | -.323 | .048 | -.136 | -.490 | 130 | 588 | -.271 | .044 | -.138 | -.435 |
| 130 | 397 | -.069 | .040 | .103 | -.210 | 130 | 539 | -.310 | .052 | -.085 | -.523 | 130 | 589 | -.263 | .045 | -.100 | -.418 |
| 130 | 398 | -.016 | .046 | .200 | -.158 | 130 | 540 | -.317 | .048 | -.143 | -.521 | 130 | 590 | -.251 | .044 | -.103 | -.398 |
| 130 | 399 | .062 | .067 | .383 | -.169 | 130 | 541 | -.304 | .048 | -.119 | -.520 | 130 | 591 | -.278 | .058 | -.066 | -.576 |
| 130 | 400 | .070 | .107 | .518 | -.497 | 130 | 542 | -.330 | .049 | -.167 | -.523 | 130 | 592 | -.257 | .052 | -.037 | -.557 |
| 130 | 401 | .145 | .126 | .556 | -.457 | 130 | 543 | -.299 | .052 | -.162 | -.636 | 130 | 593 | -.261 | .047 | -.105 | -.468 |
| 130 | 402 | .124 | .134 | .552 | -.473 | 130 | 544 | -.301 | .053 | -.165 | -.658 | 130 | 594 | -.251 | .044 | -.114 | -.467 |
| 130 | 403 | -.042 | .043 | .127 | -.169 | 130 | 545 | -.284 | .057 | -.110 | -.641 | 130 | 595 | -.260 | .048 | -.114 | -.461 |
| 130 | 404 | .009 | .047 | .209 | -.139 | 130 | 546 | -.306 | .057 | -.129 | -.636 | 130 | 596 | -.272 | .049 | -.114 | -.694 |
| 130 | 405 | .119 | .062 | .363 | -.048 | 130 | 547 | -.294 | .057 | -.133 | -.583 | 130 | 597 | -.169 | .052 | -.018 | -.397 |
| 130 | 406 | .179 | .076 | .493 | -.037 | 130 | 548 | -.294 | .058 | -.126 | -.588 | 130 | 598 | -.167 | .051 | .007 | -.367 |
| 130 | 407 | .194 | .099 | .498 | -.179 | 130 | 549 | -.252 | .051 | -.062 | -.460 | 130 | 599 | -.111 | .046 | .086 | -.271 |
| 130 | 408 | .179 | .106 | .496 | -.318 | 130 | 550 | -.262 | .047 | -.100 | -.437 | 130 | 600 | -.140 | .044 | .029 | -.347 |
| 130 | 501 | -.240 | .051 | -.066 | -.566 | 130 | 551 | -.246 | .041 | -.116 | -.432 | 130 | 701 | -.013 | .058 | .216 | -.214 |
| 130 | 502 | -.227 | .044 | -.077 | -.499 | 130 | 552 | -.276 | .067 | -.117 | -.531 | 130 | 702 | -.243 | .038 | -.054 | -.410 |
| 130 | 503 | -.221 | .042 | -.063 | -.464 | 130 | 553 | -.235 | .049 | -.064 | -.463 | 130 | 703 | -.221 | .040 | -.070 | -.358 |
| 130 | 504 | -.231 | .041 | -.066 | -.408 | 130 | 554 | -.246 | .047 | -.086 | -.437 | 130 | 704 | -.287 | .047 | -.132 | -.509 |
| 130 | 505 | -.246 | .042 | -.112 | -.386 | 130 | 555 | -.243 | .047 | -.121 | -.420 | 130 | 705 | -.317 | .053 | -.140 | -.606 |
| 130 | 506 | -.231 | .041 | -.078 | -.389 | 130 | 556 | -.242 | .046 | -.129 | -.391 | 130 | 706 | -.402 | .100 | -.130 | -.960 |
| 130 | 507 | -.232 | .045 | -.059 | -.478 | 130 | 557 | -.278 | .048 | -.083 | -.474 | 130 | 707 | -.262 | .058 | -.073 | -.722 |
| 130 | 508 | -.223 | .040 | -.092 | -.384 | 130 | 558 | -.284 | .046 | -.102 | -.459 | 130 | 708 | -.275 | .057 | -.025 | -.528 |
| 130 | 509 | -.226 | .041 | -.087 | -.406 | 130 | 559 | -.243 | .041 | -.109 | -.394 | 130 | 709 | -.352 | .068 | -.102 | -.653 |
| 130 | 510 | -.229 | .039 | -.097 | -.386 | 130 | 560 | -.243 | .041 | -.119 | -.396 | 130 | 710 | -.341 | .065 | -.190 | -.659 |
| 130 | 511 | -.222 | .040 | -.016 | -.348 | 130 | 561 | -.226 | .040 | -.088 | -.384 | 130 | 711 | -.307 | .065 | -.108 | -.740 |
| 130 | 512 | -.223 | .039 | -.093 | -.348 | 130 | 562 | -.247 | .041 | -.121 | -.404 | 130 | 712 | -.307 | .078 | -.046 | -.588 |
| 130 | 513 | -.237 | .040 | -.110 | -.381 | 130 | 563 | -.302 | .046 | -.162 | -.502 | 130 | 713 | -.325 | .054 | -.182 | -.547 |
| 130 | 514 | -.216 | .037 | -.103 | -.349 | 130 | 564 | -.297 | .045 | -.141 | -.504 | 130 | 714 | -.298 | .063 | -.133 | -.725 |
| 130 | 515 | -.223 | .033 | -.117 | -.362 | 130 | 565 | -.285 | .040 | -.163 | -.427 | 130 | 715 | -.321 | .053 | -.170 | -.589 |
| 130 | 516 | -.218 | .033 | -.104 | -.349 | 130 | 566 | -.249 | .042 | -.086 | -.408 | 130 | 716 | -.291 | .067 | -.046 | -.756 |
| 130 | 517 | -.213 | .035 | -.105 | -.362 | 130 | 567 | -.260 | .043 | -.138 | -.408 | 130 | 717 | -.226 | .040 | -.088 | -.362 |
| 130 | 518 | -.228 | .036 | -.091 | -.342 | 130 | 568 | -.235 | .043 | -.102 | -.483 | 130 | 718 | -.225 | .036 | -.077 | -.334 |
| 130 | 519 | -.232 | .050 | -.064 | -.391 | 130 | 569 | -.239 | .043 | -.093 | -.490 | 130 | 719 | -.249 | .056 | -.105 | -.509 |
| 130 | 520 | -.248 | .049 | -.090 | -.422 | 130 | 570 | -.291 | .045 | -.155 | -.486 | 130 | 720 | -.225 | .049 | -.059 | -.394 |
| 130 | 521 | -.231 | .036 | -.111 | -.380 | 130 | 571 | -.316 | .046 | -.184 | -.545 | 130 | 721 | -.240 | .044 | -.073 | -.420 |
| 130 | 522 | -.233 | .036 | -.086 | -.369 | 130 | 572 | -.293 | .052 | -.126 | -.662 | 130 | 722 | -.272 | .053 | -.125 | -.466 |
| 130 | 523 | -.214 | .037 | -.079 | -.336 | 130 | 573 | -.302 | .053 | -.163 | -.752 | 130 | 723 | -.246 | .041 | -.127 | -.403 |
| 130 | 524 | -.233 | .038 | -.102 | -.356 | 130 | 574 | -.286 | .055 | -.126 | -.615 | 130 | 724 | -.297 | .058 | -.153 | -.631 |
| 130 | 525 | -.221 | .042 | -.085 | -.360 | 130 | 575 | -.312 | .059 | -.136 | -.880 | 130 | 725 | .507 | .131 | .849 | -.008 |
| 130 | 526 | -.222 | .042 | -.095 | -.360 | 130 | 576 | -.282 | .060 | -.013 | -.569 | 130 | 726 | .533 | .143 | .904 | -.049 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 130 | 727 | .459 | .135 | .896 | -.117 | 130 | 941 | -.476 | .094 | -.141 | -.806 | 140 | 149 | -.318 | .075 | -.126 | -.705 |
| 130 | 728 | .328 | .124 | .789 | -.107 | 130 | 942 | -.555 | .136 | -.193 | -1.073 | 140 | 150 | -.322 | .077 | -.104 | -.770 |
| 130 | 729 | .286 | .103 | .697 | .027 | 140 | 101 | -.225 | .036 | -.109 | -.359 | 140 | 151 | -.291 | .070 | -.012 | -.675 |
| 130 | 730 | .302 | .153 | .789 | -.243 | 140 | 102 | -.241 | .037 | -.120 | -.389 | 140 | 152 | -.305 | .079 | -.025 | -.741 |
| 130 | 731 | .292 | .163 | .788 | -.288 | 140 | 103 | -.233 | .037 | -.107 | -.387 | 140 | 153 | -.097 | .057 | .064 | -.309 |
| 130 | 732 | .339 | .111 | .771 | .067 | 140 | 104 | -.240 | .048 | -.095 | -.626 | 140 | 154 | -.109 | .061 | .070 | -.334 |
| 130 | 733 | .138 | .157 | .670 | -.474 | 140 | 105 | -.260 | .066 | -.005 | -.822 | 140 | 155 | -.077 | .049 | .138 | -.263 |
| 130 | 734 | .052 | .130 | .532 | -.457 | 140 | 106 | -.265 | .065 | -.073 | -.966 | 140 | 156 | -.113 | .060 | .141 | -.353 |
| 130 | 735 | -.154 | .047 | -.001 | -.360 | 140 | 107 | -.232 | .034 | -.112 | -.371 | 140 | 157 | -.274 | .065 | -.071 | -.521 |
| 130 | 736 | .172 | .097 | .500 | -.437 | 140 | 108 | -.241 | .034 | -.122 | -.364 | 140 | 158 | -.274 | .065 | -.040 | -.549 |
| 130 | 901 | .124 | .073 | .447 | -.103 | 140 | 109 | -.238 | .039 | -.125 | -.387 | 140 | 159 | -.289 | .064 | -.095 | -.600 |
| 130 | 902 | .127 | .068 | .430 | -.066 | 140 | 110 | -.231 | .045 | -.086 | -.436 | 140 | 160 | -.293 | .051 | -.100 | -.486 |
| 130 | 903 | .143 | .094 | .505 | -.161 | 140 | 111 | -.239 | .047 | -.100 | -.629 | 140 | 161 | -.319 | .057 | -.132 | -.592 |
| 130 | 904 | .254 | .080 | .510 | .037 | 140 | 112 | -.251 | .053 | -.097 | -.730 | 140 | 162 | -.307 | .050 | -.163 | -.543 |
| 130 | 905 | .303 | .091 | .590 | .072 | 140 | 113 | -.228 | .039 | -.102 | -.359 | 140 | 163 | -.300 | .050 | -.144 | -.523 |
| 130 | 906 | .250 | .079 | .549 | .031 | 140 | 114 | -.237 | .038 | -.104 | -.371 | 140 | 164 | -.330 | .056 | -.182 | -.627 |
| 130 | 907 | .298 | .086 | .611 | .072 | 140 | 115 | -.237 | .037 | -.116 | -.357 | 140 | 165 | -.295 | .056 | -.154 | -.538 |
| 130 | 908 | .308 | .091 | .675 | .008 | 140 | 116 | -.258 | .037 | -.132 | -.384 | 140 | 166 | -.313 | .059 | -.172 | -.603 |
| 130 | 909 | .255 | .089 | .634 | .039 | 140 | 117 | -.255 | .044 | -.069 | -.453 | 140 | 167 | -.293 | .068 | -.083 | -.647 |
| 130 | 910 | .252 | .089 | .629 | .050 | 140 | 118 | -.225 | .044 | -.092 | -.435 | 140 | 168 | -.319 | .076 | -.120 | -.874 |
| 130 | 911 | -.253 | .042 | -.115 | -.460 | 140 | 119 | -.236 | .047 | -.102 | -.394 | 140 | 169 | -.294 | .079 | -.081 | -.804 |
| 130 | 912 | -.252 | .043 | -.108 | -.482 | 140 | 120 | -.247 | .046 | -.101 | -.409 | 140 | 170 | -.231 | .045 | -.081 | -.395 |
| 130 | 913 | -.243 | .049 | -.102 | -.459 | 140 | 121 | -.267 | .044 | -.135 | -.406 | 140 | 171 | -.275 | .047 | -.155 | -.488 |
| 130 | 914 | .071 | .080 | .447 | -.123 | 140 | 122 | -.295 | .044 | -.168 | -.491 | 140 | 172 | -.290 | .050 | -.142 | -.561 |
| 130 | 915 | .032 | .061 | .286 | -.161 | 140 | 123 | -.295 | .056 | -.142 | -.540 | 140 | 173 | -.278 | .053 | -.111 | -.527 |
| 130 | 916 | -.012 | .051 | .203 | -.182 | 140 | 124 | -.316 | .066 | -.143 | -.573 | 140 | 174 | -.263 | .055 | -.070 | -.524 |
| 130 | 917 | .103 | .064 | .357 | -.097 | 140 | 125 | -.303 | .050 | -.137 | -.453 | 140 | 175 | -.238 | .061 | -.069 | -.475 |
| 130 | 918 | .102 | .138 | .532 | -.368 | 140 | 126 | -.290 | .049 | -.133 | -.436 | 140 | 176 | -.286 | .069 | -.085 | -.642 |
| 130 | 919 | .123 | .153 | .753 | -.355 | 140 | 127 | -.309 | .048 | -.186 | -.481 | 140 | 177 | -.259 | .070 | -.012 | -.536 |
| 130 | 920 | -.242 | .045 | -.101 | -.532 | 140 | 128 | -.310 | .051 | -.175 | -.520 | 140 | 178 | -.258 | .078 | .017 | -.618 |
| 130 | 921 | -.260 | .041 | -.118 | -.392 | 140 | 129 | -.340 | .065 | -.182 | -.696 | 140 | 201 | .045 | .193 | .561 | -.684 |
| 130 | 922 | -.251 | .054 | -.115 | -.509 | 140 | 130 | -.336 | .077 | -.161 | -.825 | 140 | 202 | .155 | .098 | .496 | -.375 |
| 130 | 923 | .091 | .074 | .388 | -.120 | 140 | 131 | -.334 | .059 | -.182 | -.616 | 140 | 203 | .035 | .064 | .251 | -.207 |
| 130 | 924 | .041 | .060 | .227 | -.149 | 140 | 132 | -.349 | .064 | -.177 | -.672 | 140 | 204 | .000 | .054 | .222 | -.194 |
| 130 | 925 | .006 | .046 | .199 | -.138 | 140 | 133 | -.313 | .050 | -.179 | -.512 | 140 | 205 | -.112 | .043 | .047 | -.256 |
| 130 | 926 | .166 | .067 | .408 | -.123 | 140 | 134 | -.313 | .050 | -.177 | -.498 | 140 | 206 | -.104 | .033 | .030 | -.205 |
| 130 | 927 | .187 | .143 | .607 | -.246 | 140 | 135 | -.328 | .051 | -.189 | -.579 | 140 | 207 | .164 | .152 | .584 | -.353 |
| 130 | 928 | .208 | .151 | .723 | -.209 | 140 | 136 | -.275 | .053 | -.139 | -.545 | 140 | 208 | .216 | .136 | .568 | -.369 |
| 130 | 929 | -.138 | .050 | .105 | -.328 | 140 | 137 | -.339 | .061 | -.193 | -.601 | 140 | 209 | .143 | .064 | .362 | -.070 |
| 130 | 930 | -.312 | .068 | -.045 | -.541 | 140 | 138 | -.338 | .067 | -.168 | -.697 | 140 | 210 | .104 | .052 | .300 | -.057 |
| 130 | 931 | -.281 | .051 | -.120 | -.491 | 140 | 139 | -.324 | .069 | -.147 | -.674 | 140 | 211 | -.100 | .036 | .032 | -.227 |
| 130 | 932 | -.152 | .105 | .167 | -.504 | 140 | 140 | -.337 | .075 | -.153 | -.674 | 140 | 212 | -.129 | .031 | -.017 | -.234 |
| 130 | 933 | -.267 | .049 | -.107 | -.427 | 140 | 141 | -.314 | .060 | -.137 | -.574 | 140 | 213 | .270 | .165 | .710 | -.357 |
| 130 | 934 | -.237 | .079 | .002 | -.551 | 140 | 142 | -.324 | .061 | -.156 | -.586 | 140 | 214 | .307 | .156 | .718 | -.383 |
| 130 | 935 | -.198 | .061 | -.022 | -.467 | 140 | 143 | -.314 | .064 | -.144 | -.573 | 140 | 215 | .265 | .079 | .526 | .024 |
| 130 | 936 | -.407 | .081 | -.139 | -.674 | 140 | 144 | -.325 | .072 | -.141 | -.686 | 140 | 216 | .133 | .057 | .309 | -.027 |
| 130 | 937 | -.334 | .064 | -.022 | -.580 | 140 | 145 | -.311 | .069 | -.121 | -.633 | 140 | 217 | -.073 | .035 | .039 | -.195 |
| 130 | 938 | -.370 | .089 | .074 | -.706 | 140 | 146 | -.323 | .077 | -.120 | -.744 | 140 | 218 | -.114 | .031 | -.014 | -.226 |
| 130 | 939 | -.512 | .117 | -.100 | -.975 | 140 | 147 | -.341 | .079 | -.123 | -.768 | 140 | 219 | .228 | .163 | .700 | -.306 |
| 130 | 940 | -.317 | .061 | -.087 | -.664 | 140 | 148 | -.343 | .078 | -.134 | -.758 | 140 | 220 | .254 | .167 | .751 | -.383 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 221 | .261 | .068 | .483 | .063 | 140 | 271 | .123 | .090 | .443 | -.287 | 140 | 342 | .340 | .106 | .719 | .051 |
| 140 | 222 | .142 | .049 | .322 | -.019 | 140 | 272 | .109 | .055 | .504 | -.037 | 140 | 343 | .358 | .103 | .783 | .114 |
| 140 | 223 | -.115 | .037 | .027 | -.269 | 140 | 273 | .022 | .044 | .313 | -.103 | 140 | 344 | .305 | .098 | .722 | .084 |
| 140 | 224 | -.179 | .039 | -.057 | -.324 | 140 | 274 | -.006 | .042 | .252 | -.141 | 140 | 345 | .358 | .100 | .770 | .111 |
| 140 | 225 | .128 | .155 | .616 | -.500 | 140 | 275 | .208 | .073 | .531 | -.120 | 140 | 346 | .295 | .088 | .678 | .098 |
| 140 | 226 | .158 | .162 | .600 | -.378 | 140 | 276 | .220 | .078 | .526 | -.013 | 140 | 347 | -.000 | .049 | .193 | -.203 |
| 140 | 227 | .187 | .067 | .439 | -.035 | 140 | 277 | .188 | .074 | .448 | .002 | 140 | 348 | .042 | .059 | .232 | -.173 |
| 140 | 228 | .078 | .050 | .312 | -.050 | 140 | 278 | .146 | .063 | .380 | -.010 | 140 | 349 | .185 | .086 | .455 | -.138 |
| 140 | 229 | -.111 | .038 | .027 | -.217 | 140 | 279 | .050 | .048 | .249 | -.069 | 140 | 350 | .325 | .111 | .682 | -.092 |
| 140 | 230 | -.138 | .036 | -.011 | -.258 | 140 | 280 | .015 | .047 | .225 | -.151 | 140 | 351 | .406 | .126 | .792 | -.215 |
| 140 | 231 | .055 | .154 | .531 | -.493 | 140 | 301 | -.083 | .040 | .062 | -.258 | 140 | 352 | .412 | .136 | .802 | -.035 |
| 140 | 232 | .079 | .174 | .541 | -.512 | 140 | 302 | .012 | .049 | .259 | -.205 | 140 | 353 | -.060 | .047 | .132 | -.258 |
| 140 | 233 | .036 | .144 | .481 | -.490 | 140 | 303 | .133 | .064 | .364 | -.115 | 140 | 354 | .031 | .060 | .293 | -.266 |
| 140 | 234 | .075 | .146 | .583 | -.376 | 140 | 304 | .200 | .083 | .442 | -.072 | 140 | 355 | -.061 | .043 | .131 | -.224 |
| 140 | 235 | .150 | .065 | .492 | -.142 | 140 | 305 | .372 | .112 | .682 | -.015 | 140 | 356 | .016 | .054 | .254 | -.134 |
| 140 | 236 | .063 | .047 | .312 | -.065 | 140 | 306 | .439 | .119 | .773 | .020 | 140 | 357 | .178 | .076 | .431 | -.008 |
| 140 | 237 | -.087 | .037 | .082 | -.205 | 140 | 307 | -.084 | .039 | .056 | -.253 | 140 | 358 | .285 | .096 | .600 | .033 |
| 140 | 238 | -.057 | .031 | .071 | -.166 | 140 | 308 | .042 | .056 | .219 | -.186 | 140 | 359 | .342 | .123 | .750 | -.068 |
| 140 | 239 | .016 | .121 | .420 | -.393 | 140 | 309 | .232 | .081 | .513 | -.045 | 140 | 360 | .332 | .137 | .766 | -.074 |
| 140 | 240 | .031 | .128 | .439 | -.356 | 140 | 310 | .323 | .095 | .585 | .039 | 140 | 361 | -.076 | .041 | .063 | -.285 |
| 140 | 241 | .096 | .112 | .459 | -.345 | 140 | 311 | .486 | .121 | .790 | .086 | 140 | 362 | .028 | .051 | .212 | -.195 |
| 140 | 242 | .146 | .118 | .508 | -.250 | 140 | 312 | .525 | .126 | .834 | .063 | 140 | 363 | .225 | .079 | .525 | .001 |
| 140 | 243 | .170 | .073 | .452 | -.082 | 140 | 313 | -.057 | .034 | .062 | -.181 | 140 | 364 | .339 | .118 | .752 | -.054 |
| 140 | 244 | -.055 | .048 | .140 | -.222 | 140 | 314 | .062 | .049 | .229 | -.090 | 140 | 365 | .369 | .111 | .811 | .052 |
| 140 | 245 | -.088 | .039 | .082 | -.270 | 140 | 315 | .315 | .085 | .570 | .059 | 140 | 366 | .379 | .114 | .887 | .110 |
| 140 | 246 | -.151 | .046 | .001 | -.388 | 140 | 316 | .472 | .113 | .817 | .156 | 140 | 367 | .369 | .122 | .884 | -.004 |
| 140 | 247 | -.062 | .055 | .136 | -.261 | 140 | 317 | .583 | .134 | .917 | .089 | 140 | 368 | .409 | .117 | .919 | .150 |
| 140 | 248 | .004 | .078 | .320 | -.202 | 140 | 318 | .577 | .137 | .931 | .074 | 140 | 369 | .377 | .115 | .878 | .120 |
| 140 | 249 | -.006 | .064 | .213 | -.210 | 140 | 319 | -.066 | .040 | .091 | -.205 | 140 | 370 | .350 | .104 | .804 | .125 |
| 140 | 250 | .461 | .124 | .848 | .061 | 140 | 320 | .050 | .054 | .251 | -.110 | 140 | 371 | .338 | .104 | .808 | .114 |
| 140 | 251 | .487 | .129 | .848 | .089 | 140 | 321 | .291 | .088 | .607 | .052 | 140 | 372 | .372 | .111 | .872 | .118 |
| 140 | 252 | .490 | .133 | .878 | .053 | 140 | 322 | .442 | .115 | .827 | .139 | 140 | 373 | .352 | .103 | .793 | .130 |
| 140 | 253 | .419 | .119 | .896 | .140 | 140 | 323 | .546 | .130 | .941 | .165 | 140 | 374 | -.096 | .053 | .081 | -.312 |
| 140 | 254 | .462 | .109 | .791 | .208 | 140 | 324 | .537 | .134 | .929 | .089 | 140 | 375 | -.029 | .062 | .217 | -.237 |
| 140 | 255 | .386 | .106 | .740 | .151 | 140 | 325 | -.073 | .045 | .072 | -.291 | 140 | 376 | .086 | .085 | .390 | -.222 |
| 140 | 256 | .384 | .108 | .733 | .104 | 140 | 326 | .058 | .055 | .242 | -.140 | 140 | 377 | .171 | .118 | .509 | -.363 |
| 140 | 257 | .399 | .107 | .760 | .147 | 140 | 327 | -.082 | .045 | .067 | -.319 | 140 | 378 | .279 | .126 | .772 | -.371 |
| 140 | 258 | .349 | .094 | .669 | .138 | 140 | 328 | .046 | .060 | .256 | -.145 | 140 | 379 | .200 | .155 | .655 | -.375 |
| 140 | 259 | .351 | .093 | .696 | .119 | 140 | 329 | -.078 | .047 | .067 | -.313 | 140 | 380 | -.117 | .050 | .067 | -.355 |
| 140 | 260 | .359 | .090 | .672 | .128 | 140 | 330 | .046 | .058 | .222 | -.150 | 140 | 381 | -.033 | .057 | .162 | -.268 |
| 140 | 261 | .373 | .100 | .712 | .161 | 140 | 331 | .279 | .094 | .563 | .010 | 140 | 382 | -.134 | .041 | .028 | -.287 |
| 140 | 262 | .388 | .109 | .807 | -.067 | 140 | 332 | .410 | .136 | .784 | -.135 | 140 | 383 | -.059 | .042 | .115 | -.196 |
| 140 | 263 | .400 | .111 | .849 | -.052 | 140 | 333 | .466 | .137 | .886 | .121 | 140 | 384 | .097 | .056 | .342 | -.073 |
| 140 | 264 | .428 | .119 | .842 | .010 | 140 | 334 | .439 | .135 | .900 | .085 | 140 | 385 | .193 | .075 | .495 | -.014 |
| 140 | 265 | .344 | .105 | .767 | .092 | 140 | 336 | .465 | .127 | .851 | .089 | 140 | 386 | .206 | .120 | .608 | -.105 |
| 140 | 266 | .378 | .105 | .748 | .123 | 140 | 337 | .438 | .121 | .827 | .111 | 140 | 387 | .157 | .135 | .613 | -.270 |
| 140 | 267 | .359 | .101 | .800 | .115 | 140 | 338 | .430 | .115 | .805 | .156 | 140 | 388 | -.138 | .041 | .006 | -.323 |
| 140 | 268 | .405 | .114 | .855 | .143 | 140 | 339 | .393 | .114 | .771 | .104 | 140 | 389 | -.071 | .039 | .104 | -.202 |
| 140 | 269 | .181 | .106 | .620 | -.317 | 140 | 340 | .388 | .115 | .807 | .109 | 140 | 390 | -.019 | .049 | .215 | -.190 |
| 140 | 270 | .182 | .107 | .597 | -.299 | 140 | 341 | .385 | .110 | .755 | .118 | 140 | 391 | .218 | .082 | .537 | .027 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 392 | .225 | .119 | .590 | -.136 | 140 | 534 | -.275 | .082 | -.115 | -.627 | 140 | 584 | -.244 | .058 | -.073 | -.515 |
| 140 | 393 | .197 | .119 | .593 | -.185 | 140 | 535 | -.264 | .070 | -.078 | -.725 | 140 | 585 | -.258 | .064 | -.029 | -.633 |
| 140 | 394 | -.015 | .062 | .205 | -.239 | 140 | 536 | -.278 | .056 | -.078 | -.525 | 140 | 586 | -.242 | .058 | -.056 | -.539 |
| 140 | 395 | .069 | .087 | .458 | -.147 | 140 | 537 | -.256 | .057 | -.065 | -.447 | 140 | 587 | -.273 | .057 | -.120 | -.592 |
| 140 | 396 | -.050 | .052 | .175 | -.264 | 140 | 538 | -.311 | .051 | -.116 | -.496 | 140 | 588 | -.248 | .050 | -.111 | -.480 |
| 140 | 397 | .003 | .048 | .198 | -.157 | 140 | 539 | -.303 | .052 | -.034 | -.511 | 140 | 589 | -.237 | .048 | -.093 | -.448 |
| 140 | 398 | .045 | .052 | .341 | -.093 | 140 | 540 | -.314 | .054 | -.153 | -.565 | 140 | 590 | -.225 | .047 | -.072 | -.437 |
| 140 | 399 | .126 | .073 | .529 | -.040 | 140 | 541 | -.302 | .053 | -.146 | -.504 | 140 | 591 | -.223 | .072 | .019 | -.664 |
| 140 | 400 | .151 | .099 | .553 | -.203 | 140 | 542 | -.327 | .054 | -.185 | -.587 | 140 | 592 | -.228 | .067 | -.020 | -.715 |
| 140 | 401 | .192 | .116 | .626 | -.226 | 140 | 543 | -.300 | .062 | -.120 | -.550 | 140 | 593 | -.252 | .067 | -.039 | -.710 |
| 140 | 402 | .187 | .108 | .589 | -.302 | 140 | 544 | -.310 | .064 | -.111 | -.591 | 140 | 594 | -.241 | .055 | -.049 | -.497 |
| 140 | 403 | .036 | .052 | .255 | -.157 | 140 | 545 | -.282 | .070 | -.083 | -.581 | 140 | 595 | -.245 | .060 | -.011 | -.587 |
| 140 | 404 | .083 | .056 | .337 | -.090 | 140 | 546 | -.313 | .074 | -.092 | -.594 | 140 | 596 | -.249 | .057 | -.074 | -.569 |
| 140 | 405 | .173 | .069 | .483 | -.019 | 140 | 547 | -.266 | .070 | -.003 | -.639 | 140 | 597 | -.083 | .056 | .081 | -.290 |
| 140 | 406 | .211 | .075 | .531 | .031 | 140 | 548 | -.284 | .075 | -.060 | -.665 | 140 | 598 | -.080 | .053 | .079 | -.280 |
| 140 | 407 | .240 | .080 | .605 | -.032 | 140 | 549 | -.247 | .048 | -.079 | -.451 | 140 | 599 | -.035 | .050 | .154 | -.197 |
| 140 | 408 | .232 | .080 | .629 | -.095 | 140 | 550 | -.260 | .044 | -.118 | -.438 | 140 | 600 | -.052 | .054 | .144 | -.269 |
| 140 | 501 | -.254 | .055 | -.084 | -.627 | 140 | 551 | -.232 | .041 | -.106 | -.376 | 140 | 701 | -.094 | .058 | .165 | -.309 |
| 140 | 502 | -.238 | .048 | -.077 | -.627 | 140 | 552 | -.246 | .067 | -.062 | -.621 | 140 | 702 | -.244 | .036 | -.120 | -.377 |
| 140 | 503 | -.246 | .044 | -.087 | -.445 | 140 | 553 | -.209 | .046 | -.028 | -.379 | 140 | 703 | -.223 | .042 | -.076 | -.354 |
| 140 | 504 | -.252 | .040 | -.120 | -.416 | 140 | 554 | -.223 | .046 | -.030 | -.383 | 140 | 704 | -.291 | .051 | -.123 | -.437 |
| 140 | 505 | -.263 | .042 | -.092 | -.402 | 140 | 555 | -.219 | .047 | -.087 | -.441 | 140 | 705 | -.304 | .049 | -.166 | -.493 |
| 140 | 506 | -.248 | .040 | -.118 | -.405 | 140 | 556 | -.222 | .047 | -.081 | -.432 | 140 | 706 | -.418 | .102 | -.181 | -.857 |
| 140 | 507 | -.246 | .047 | -.079 | -.438 | 140 | 557 | -.270 | .050 | -.039 | -.481 | 140 | 707 | -.264 | .063 | -.065 | -.879 |
| 140 | 508 | -.241 | .043 | -.108 | -.452 | 140 | 558 | -.271 | .048 | -.067 | -.489 | 140 | 708 | -.263 | .052 | -.084 | -.513 |
| 140 | 509 | -.248 | .040 | -.114 | -.379 | 140 | 559 | -.229 | .043 | -.083 | -.364 | 140 | 709 | -.324 | .071 | -.118 | -.690 |
| 140 | 510 | -.245 | .038 | -.104 | -.376 | 140 | 560 | -.230 | .043 | -.085 | -.378 | 140 | 710 | -.351 | .068 | -.198 | -.758 |
| 140 | 511 | -.230 | .039 | -.096 | -.351 | 140 | 561 | -.213 | .042 | -.062 | -.359 | 140 | 711 | -.297 | .086 | -.031 | -.856 |
| 140 | 512 | -.239 | .039 | -.088 | -.432 | 140 | 562 | -.228 | .043 | -.090 | -.373 | 140 | 712 | -.294 | .070 | -.077 | -.686 |
| 140 | 513 | -.245 | .041 | -.122 | -.433 | 140 | 563 | -.283 | .050 | -.136 | -.459 | 140 | 713 | -.330 | .061 | -.181 | -.650 |
| 140 | 514 | -.236 | .036 | -.101 | -.390 | 140 | 564 | -.274 | .050 | -.123 | -.457 | 140 | 714 | -.289 | .085 | -.028 | -.803 |
| 140 | 515 | -.233 | .034 | -.117 | -.355 | 140 | 565 | -.265 | .045 | -.126 | -.482 | 140 | 715 | -.292 | .067 | -.080 | -.795 |
| 140 | 516 | -.226 | .035 | -.119 | -.344 | 140 | 566 | -.240 | .043 | -.111 | -.525 | 140 | 716 | -.245 | .078 | .022 | -.736 |
| 140 | 517 | -.220 | .035 | -.110 | -.336 | 140 | 567 | -.250 | .044 | -.118 | -.464 | 140 | 717 | -.246 | .042 | -.118 | -.397 |
| 140 | 518 | -.230 | .036 | -.104 | -.365 | 140 | 568 | -.228 | .046 | -.076 | -.478 | 140 | 718 | -.231 | .037 | -.095 | -.355 |
| 140 | 519 | -.235 | .049 | -.014 | -.451 | 140 | 569 | -.230 | .047 | -.071 | -.481 | 140 | 719 | -.284 | .082 | -.127 | -.665 |
| 140 | 520 | -.245 | .044 | -.102 | -.417 | 140 | 570 | -.269 | .052 | -.104 | -.514 | 140 | 720 | -.210 | .049 | -.035 | -.482 |
| 140 | 521 | -.236 | .037 | -.106 | -.376 | 140 | 571 | -.269 | .053 | -.090 | -.568 | 140 | 721 | -.230 | .047 | -.080 | -.454 |
| 140 | 522 | -.236 | .036 | -.114 | -.404 | 140 | 572 | -.266 | .052 | -.045 | -.485 | 140 | 722 | -.244 | .061 | -.064 | -.615 |
| 140 | 523 | -.212 | .036 | -.090 | -.386 | 140 | 573 | -.270 | .054 | -.034 | -.499 | 140 | 723 | -.238 | .050 | -.067 | -.464 |
| 140 | 524 | -.231 | .037 | -.123 | -.415 | 140 | 574 | -.262 | .061 | -.083 | -.569 | 140 | 724 | -.279 | .068 | -.036 | -.649 |
| 140 | 525 | -.227 | .046 | -.087 | -.511 | 140 | 575 | -.275 | .064 | -.004 | -.617 | 140 | 725 | .466 | .119 | .800 | -.104 |
| 140 | 526 | -.227 | .045 | -.081 | -.455 | 140 | 576 | -.238 | .071 | -.015 | -.590 | 140 | 726 | .464 | .155 | .868 | -.497 |
| 140 | 527 | -.247 | .065 | -.081 | -.588 | 140 | 577 | -.253 | .056 | -.032 | -.619 | 140 | 727 | .352 | .138 | .771 | -.213 |
| 140 | 528 | -.261 | .063 | -.083 | -.610 | 140 | 578 | -.240 | .050 | -.067 | -.493 | 140 | 728 | .132 | .146 | .557 | -.300 |
| 140 | 529 | -.268 | .056 | -.055 | -.429 | 140 | 579 | -.243 | .047 | -.057 | -.443 | 140 | 729 | .164 | .109 | .586 | -.146 |
| 140 | 530 | -.259 | .056 | -.018 | -.446 | 140 | 580 | -.313 | .082 | -.085 | -.829 | 140 | 730 | .470 | .140 | .868 | .094 |
| 140 | 531 | -.244 | .050 | -.088 | -.400 | 140 | 581 | -.256 | .056 | -.057 | -.527 | 140 | 731 | .392 | .118 | .777 | .010 |
| 140 | 532 | -.242 | .043 | -.106 | -.391 | 140 | 582 | -.239 | .052 | -.051 | -.479 | 140 | 732 | .356 | .097 | .668 | .131 |
| 140 | 533 | -.267 | .053 | .138 | -.561 | 140 | 583 | -.266 | .056 | -.076 | -.508 | 140 | 733 | .290 | .142 | .775 | -.210 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 734 | .226 | .126 | .669 | -.139 | 150 | 106 | -.268 | .062 | -.074 | -.756 | 150 | 156 | -.208 | .065 | -.002 | -.468 |
| 140 | 735 | -.065 | .049 | .154 | -.222 | 150 | 107 | -.229 | .037 | -.072 | -.367 | 150 | 157 | -.282 | .051 | -.102 | -.469 |
| 140 | 736 | .186 | .079 | .583 | -.260 | 150 | 108 | -.236 | .037 | -.083 | -.367 | 150 | 158 | -.283 | .049 | -.121 | -.475 |
| 140 | 901 | .224 | .094 | .643 | .018 | 150 | 109 | -.238 | .040 | -.081 | -.416 | 150 | 159 | -.293 | .050 | -.129 | -.487 |
| 140 | 902 | .216 | .089 | .573 | .016 | 150 | 110 | -.227 | .046 | -.088 | -.634 | 150 | 160 | -.286 | .051 | -.105 | -.531 |
| 140 | 903 | .260 | .102 | .602 | .002 | 150 | 111 | -.247 | .054 | -.095 | -.715 | 150 | 161 | -.308 | .056 | -.128 | -.580 |
| 140 | 904 | .298 | .081 | .603 | .113 | 150 | 112 | -.270 | .058 | -.093 | -.731 | 150 | 162 | -.286 | .060 | -.086 | -.509 |
| 140 | 905 | .321 | .085 | .635 | .134 | 150 | 113 | -.239 | .035 | -.122 | -.350 | 150 | 163 | -.277 | .063 | -.098 | -.540 |
| 140 | 906 | .263 | .072 | .566 | .091 | 150 | 114 | -.246 | .035 | -.130 | -.350 | 150 | 164 | -.324 | .064 | -.126 | -.587 |
| 140 | 907 | .287 | .075 | .557 | .111 | 150 | 115 | -.245 | .034 | -.145 | -.376 | 150 | 165 | -.279 | .077 | -.001 | -.550 |
| 140 | 908 | .219 | .078 | .533 | -.006 | 150 | 116 | -.264 | .035 | -.136 | -.398 | 150 | 166 | -.313 | .081 | -.040 | -.639 |
| 140 | 909 | .175 | .069 | .450 | .012 | 150 | 117 | -.256 | .039 | -.124 | -.410 | 150 | 167 | -.258 | .095 | .114 | -.580 |
| 140 | 910 | .178 | .070 | .457 | .026 | 150 | 118 | -.243 | .039 | -.051 | -.418 | 150 | 168 | -.294 | .103 | .064 | -.669 |
| 140 | 911 | -.246 | .044 | -.097 | -.453 | 150 | 119 | -.260 | .040 | -.117 | -.374 | 150 | 169 | -.253 | .118 | .187 | -.650 |
| 140 | 912 | -.245 | .044 | -.107 | -.434 | 150 | 120 | -.266 | .040 | -.121 | -.374 | 150 | 170 | -.220 | .055 | .003 | -.488 |
| 140 | 913 | -.239 | .047 | -.098 | -.559 | 150 | 121 | -.269 | .038 | -.155 | -.428 | 150 | 171 | -.261 | .057 | -.038 | -.498 |
| 140 | 914 | .103 | .081 | .462 | -.129 | 150 | 122 | -.289 | .038 | -.169 | -.462 | 150 | 172 | -.282 | .062 | -.055 | -.580 |
| 140 | 915 | .079 | .067 | .342 | -.167 | 150 | 123 | -.279 | .042 | -.134 | -.467 | 150 | 173 | -.229 | .075 | .120 | -.601 |
| 140 | 916 | .039 | .058 | .277 | -.185 | 150 | 124 | -.289 | .045 | -.142 | -.497 | 150 | 174 | -.246 | .077 | .056 | -.562 |
| 140 | 917 | .205 | .082 | .553 | -.278 | 150 | 125 | -.301 | .045 | -.152 | -.462 | 150 | 175 | -.181 | .081 | .040 | -.530 |
| 140 | 918 | .298 | .141 | .819 | -.174 | 150 | 126 | -.289 | .044 | -.134 | -.448 | 150 | 176 | -.240 | .090 | .049 | -.695 |
| 140 | 919 | .320 | .154 | .917 | -.205 | 150 | 127 | -.302 | .044 | -.159 | -.452 | 150 | 177 | -.180 | .100 | .088 | -.628 |
| 140 | 920 | -.251 | .050 | -.093 | -.603 | 150 | 128 | -.305 | .048 | -.140 | -.506 | 150 | 178 | -.187 | .108 | .144 | -.662 |
| 140 | 921 | -.266 | .048 | -.136 | -.512 | 150 | 129 | -.330 | .057 | -.150 | -.575 | 150 | 201 | -.402 | .129 | .108 | -.846 |
| 140 | 922 | -.278 | .069 | -.119 | -.813 | 150 | 130 | -.320 | .061 | -.136 | -.590 | 150 | 202 | -.193 | .180 | .203 | -.763 |
| 140 | 923 | .094 | .078 | .467 | -.118 | 150 | 131 | -.330 | .060 | -.136 | -.587 | 150 | 203 | -.066 | .047 | .122 | -.228 |
| 140 | 924 | .061 | .069 | .291 | -.221 | 150 | 132 | -.351 | .068 | -.116 | -.708 | 150 | 204 | -.080 | .041 | .085 | -.223 |
| 140 | 925 | .042 | .062 | .301 | -.204 | 150 | 133 | -.314 | .061 | -.102 | -.525 | 150 | 205 | -.159 | .035 | -.023 | -.289 |
| 140 | 926 | .273 | .089 | .633 | .021 | 150 | 134 | -.310 | .060 | -.167 | -.540 | 150 | 206 | -.127 | .030 | -.011 | -.243 |
| 140 | 927 | .410 | .139 | .792 | -.094 | 150 | 135 | -.331 | .063 | -.181 | -.664 | 150 | 207 | -.250 | .148 | .312 | -.740 |
| 140 | 928 | .455 | .151 | .875 | -.055 | 150 | 136 | -.287 | .059 | -.123 | -.544 | 150 | 208 | -.244 | .171 | .354 | -.761 |
| 140 | 929 | -.143 | .092 | .209 | -.401 | 150 | 137 | -.344 | .069 | -.171 | -.684 | 150 | 209 | .028 | .047 | .191 | -.149 |
| 140 | 930 | -.316 | .062 | -.093 | -.558 | 150 | 138 | -.342 | .076 | -.164 | -.772 | 150 | 210 | .005 | .040 | .159 | -.101 |
| 140 | 931 | -.285 | .050 | -.116 | -.509 | 150 | 139 | -.337 | .082 | -.122 | -.814 | 150 | 211 | -.157 | .031 | -.060 | -.270 |
| 140 | 932 | -.317 | .088 | .014 | -.688 | 150 | 140 | -.356 | .094 | -.102 | -.963 | 150 | 212 | -.168 | .030 | -.053 | -.276 |
| 140 | 933 | -.270 | .053 | -.105 | -.444 | 150 | 141 | -.308 | .074 | -.093 | -.635 | 150 | 213 | -.194 | .168 | .374 | -.760 |
| 140 | 934 | -.167 | .060 | .023 | -.466 | 150 | 142 | -.325 | .075 | -.102 | -.684 | 150 | 214 | -.193 | .169 | .422 | -.700 |
| 140 | 935 | -.286 | .090 | -.049 | -.668 | 150 | 143 | -.318 | .082 | -.105 | -.825 | 150 | 215 | .094 | .060 | .297 | -.268 |
| 140 | 936 | -.424 | .084 | -.152 | -.736 | 150 | 144 | -.329 | .088 | -.104 | -.781 | 150 | 216 | .006 | .035 | .158 | -.103 |
| 140 | 937 | -.280 | .067 | -.012 | -.490 | 150 | 145 | -.324 | .094 | .054 | -.986 | 150 | 217 | -.146 | .030 | -.034 | -.237 |
| 140 | 938 | -.254 | .091 | -.001 | -.608 | 150 | 146 | -.348 | .113 | .124 | -1.131 | 150 | 218 | -.156 | .030 | -.065 | -.262 |
| 140 | 939 | -.463 | .108 | -.152 | -.843 | 150 | 147 | -.309 | .083 | -.074 | -.763 | 150 | 219 | -.214 | .178 | .402 | -.830 |
| 140 | 940 | -.267 | .049 | -.076 | -.482 | 150 | 148 | -.320 | .082 | -.107 | -.789 | 150 | 220 | -.241 | .206 | .365 | -.814 |
| 140 | 941 | -.498 | .103 | -.084 | -.893 | 150 | 149 | -.297 | .079 | -.103 | -.723 | 150 | 221 | .089 | .075 | .347 | -.450 |
| 140 | 942 | -.475 | .131 | -.109 | -1.066 | 150 | 150 | -.301 | .086 | -.031 | -.726 | 150 | 222 | .026 | .039 | .171 | -.087 |
| 150 | 101 | -.225 | .039 | -.088 | -.361 | 150 | 151 | -.288 | .109 | .076 | -1.302 | 150 | 223 | -.179 | .032 | -.080 | -.285 |
| 150 | 102 | -.243 | .040 | -.107 | -.388 | 150 | 152 | -.322 | .133 | .090 | -1.378 | 150 | 224 | -.224 | .034 | -.113 | -.331 |
| 150 | 103 | -.234 | .040 | -.098 | -.398 | 150 | 153 | -.166 | .059 | -.025 | -.425 | 150 | 225 | -.250 | .169 | .325 | -.909 |
| 150 | 104 | -.238 | .057 | -.076 | -.811 | 150 | 154 | -.183 | .062 | -.028 | -.460 | 150 | 226 | -.232 | .162 | .356 | -.705 |
| 150 | 105 | -.265 | .065 | -.071 | -.899 | 150 | 155 | -.160 | .055 | .023 | -.413 | 150 | 227 | .035 | .081 | .277 | -.393 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 150 | 228 | -.020 | .034 | .121 | -.136 | 150 | 278 | .061 | .051 | .279 | -.110 | 150 | 349 | .278 | .110 | .677 | -.187 |
| 150 | 229 | -.169 | .032 | -.066 | -.271 | 150 | 279 | -.029 | .043 | .151 | -.187 | 150 | 350 | .418 | .129 | .822 | -.128 |
| 150 | 230 | -.180 | .033 | -.072 | -.286 | 150 | 280 | -.071 | .048 | .178 | -.292 | 150 | 351 | .483 | .141 | .932 | -.160 |
| 150 | 231 | -.267 | .147 | .344 | -.805 | 150 | 301 | -.043 | .047 | .141 | -.216 | 150 | 352 | .491 | .139 | .914 | -.065 |
| 150 | 232 | -.285 | .167 | .245 | -.795 | 150 | 302 | .072 | .066 | .324 | -.161 | 150 | 353 | -.011 | .062 | .207 | -.344 |
| 150 | 233 | -.243 | .136 | .271 | -.692 | 150 | 303 | .197 | .084 | .484 | -.085 | 150 | 354 | .102 | .078 | .369 | -.340 |
| 150 | 234 | -.182 | .156 | .319 | -.790 | 150 | 304 | .283 | .090 | .558 | -.073 | 150 | 355 | -.029 | .057 | .186 | -.194 |
| 150 | 235 | .018 | .077 | .237 | -.348 | 150 | 305 | .433 | .111 | .745 | .050 | 150 | 356 | .076 | .069 | .326 | -.118 |
| 150 | 236 | -.018 | .037 | .143 | -.143 | 150 | 306 | .443 | .110 | .778 | .030 | 150 | 357 | .270 | .101 | .707 | .037 |
| 150 | 237 | -.138 | .040 | -.005 | -.274 | 150 | 307 | -.029 | .047 | .115 | -.195 | 150 | 358 | .372 | .123 | .900 | .100 |
| 150 | 238 | -.098 | .035 | .030 | -.223 | 150 | 308 | .122 | .067 | .323 | -.085 | 150 | 359 | .410 | .134 | .892 | .099 |
| 150 | 239 | -.188 | .132 | .254 | -.662 | 150 | 309 | .317 | .091 | .592 | .020 | 150 | 360 | .402 | .136 | .863 | .075 |
| 150 | 240 | -.185 | .140 | .244 | -.660 | 150 | 310 | .414 | .107 | .780 | .088 | 150 | 361 | -.053 | .054 | .141 | -.245 |
| 150 | 241 | -.112 | .151 | .271 | -.670 | 150 | 311 | .528 | .119 | .899 | .141 | 150 | 362 | .076 | .065 | .342 | -.130 |
| 150 | 242 | -.034 | .144 | .354 | -.513 | 150 | 312 | .482 | .115 | .777 | .062 | 150 | 363 | .300 | .097 | .776 | .045 |
| 150 | 243 | .059 | .075 | .299 | -.225 | 150 | 313 | -.008 | .046 | .201 | -.166 | 150 | 364 | .416 | .121 | .919 | -.023 |
| 150 | 244 | -.124 | .050 | .015 | -.306 | 150 | 314 | .147 | .067 | .418 | -.064 | 150 | 365 | .414 | .120 | .970 | .155 |
| 150 | 245 | -.130 | .040 | -.005 | -.288 | 150 | 315 | .433 | .103 | .773 | .131 | 150 | 366 | .412 | .121 | .825 | .128 |
| 150 | 246 | -.174 | .051 | -.028 | -.415 | 150 | 316 | .574 | .121 | .983 | .216 | 150 | 367 | .390 | .120 | .826 | .073 |
| 150 | 247 | -.146 | .052 | .054 | -.335 | 150 | 317 | .551 | .120 | .948 | .221 | 150 | 368 | .394 | .131 | .833 | -.085 |
| 150 | 248 | -.100 | .059 | .193 | -.302 | 150 | 318 | .419 | .127 | .869 | .043 | 150 | 369 | .374 | .119 | .795 | .043 |
| 150 | 249 | -.094 | .063 | .161 | -.310 | 150 | 319 | -.032 | .048 | .148 | -.191 | 150 | 370 | .347 | .102 | .811 | .128 |
| 150 | 250 | .388 | .116 | .811 | -.106 | 150 | 320 | .118 | .064 | .370 | -.061 | 150 | 371 | .319 | .098 | .836 | .090 |
| 150 | 251 | .424 | .138 | .834 | -.054 | 150 | 321 | .393 | .098 | .726 | .131 | 150 | 372 | .368 | .107 | .838 | .126 |
| 150 | 252 | .434 | .138 | .898 | .016 | 150 | 322 | .527 | .119 | .896 | .226 | 150 | 373 | .338 | .096 | .763 | .109 |
| 150 | 253 | .354 | .100 | .709 | -.005 | 150 | 323 | .539 | .124 | .890 | .143 | 150 | 374 | -.064 | .084 | .185 | -.512 |
| 150 | 254 | .395 | .107 | .735 | .096 | 150 | 324 | .406 | .133 | .798 | -.051 | 150 | 375 | .022 | .089 | .310 | -.470 |
| 150 | 255 | .289 | .102 | .619 | .002 | 150 | 325 | -.033 | .056 | .193 | -.314 | 150 | 376 | .150 | .113 | .530 | -.344 |
| 150 | 256 | .305 | .105 | .692 | -.070 | 150 | 326 | .145 | .073 | .402 | -.087 | 150 | 377 | .225 | .147 | .695 | -.394 |
| 150 | 257 | .305 | .105 | .698 | .065 | 150 | 327 | -.062 | .060 | .151 | -.267 | 150 | 378 | .313 | .136 | .754 | -.327 |
| 150 | 258 | .262 | .087 | .577 | .047 | 150 | 328 | .114 | .077 | .390 | -.112 | 150 | 379 | .346 | .137 | .880 | -.227 |
| 150 | 259 | .284 | .090 | .676 | .059 | 150 | 329 | -.068 | .058 | .161 | -.291 | 150 | 380 | -.093 | .074 | .204 | -.446 |
| 150 | 260 | .318 | .090 | .621 | .073 | 150 | 330 | .100 | .071 | .375 | -.144 | 150 | 381 | .010 | .073 | .294 | -.304 |
| 150 | 261 | .315 | .094 | .631 | .043 | 150 | 331 | .383 | .104 | .704 | .108 | 150 | 382 | -.118 | .062 | .111 | -.401 |
| 150 | 262 | .377 | .124 | .713 | -.156 | 150 | 332 | .513 | .125 | .899 | .164 | 150 | 383 | -.026 | .058 | .195 | -.245 |
| 150 | 263 | .376 | .128 | .737 | -.127 | 150 | 333 | .457 | .126 | .914 | .085 | 150 | 384 | .144 | .070 | .381 | -.031 |
| 150 | 264 | .367 | .134 | .800 | -.118 | 150 | 334 | .359 | .123 | .834 | -.045 | 150 | 385 | .237 | .084 | .538 | .030 |
| 150 | 265 | .328 | .102 | .719 | .078 | 150 | 336 | .433 | .138 | .841 | .043 | 150 | 386 | .272 | .107 | .653 | -.074 |
| 150 | 266 | .356 | .102 | .738 | .115 | 150 | 337 | .336 | .121 | .743 | -.060 | 150 | 387 | .292 | .117 | .771 | -.023 |
| 150 | 267 | .360 | .101 | .834 | .092 | 150 | 338 | .396 | .118 | .829 | .106 | 150 | 388 | -.137 | .062 | .046 | -.419 |
| 150 | 268 | .392 | .112 | .817 | .126 | 150 | 339 | .321 | .100 | .734 | .035 | 150 | 389 | -.044 | .055 | .183 | -.245 |
| 150 | 269 | .032 | .136 | .451 | -.809 | 150 | 340 | .318 | .109 | .704 | -.026 | 150 | 390 | .051 | .060 | .370 | -.145 |
| 150 | 270 | .049 | .138 | .437 | -.846 | 150 | 341 | .336 | .107 | .711 | .018 | 150 | 391 | .280 | .092 | .717 | .059 |
| 150 | 271 | -.017 | .109 | .333 | -.579 | 150 | 342 | .260 | .092 | .658 | -.008 | 150 | 392 | .310 | .104 | .784 | -.031 |
| 150 | 272 | .012 | .058 | .249 | -.232 | 150 | 343 | .290 | .101 | .697 | .045 | 150 | 393 | .300 | .105 | .759 | -.019 |
| 150 | 273 | -.055 | .047 | .144 | -.262 | 150 | 344 | .242 | .101 | .633 | -.071 | 150 | 394 | -.010 | .063 | .226 | -.384 |
| 150 | 274 | -.084 | .050 | .110 | -.311 | 150 | 345 | .293 | .095 | .660 | .073 | 150 | 395 | .108 | .088 | .440 | -.134 |
| 150 | 275 | .117 | .087 | .427 | -.365 | 150 | 346 | .217 | .087 | .603 | -.045 | 150 | 396 | .010 | .064 | .285 | -.221 |
| 150 | 276 | .132 | .082 | .402 | -.269 | 150 | 347 | .056 | .067 | .286 | -.325 | 150 | 397 | .051 | .061 | .301 | -.110 |
| 150 | 277 | .108 | .063 | .385 | -.071 | 150 | 348 | .105 | .079 | .409 | -.188 | 150 | 398 | .077 | .067 | .370 | -.084 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 150 | 399 | .149 | .075 | .647 | -.092 | 150 | 541 | -.270 | .063 | -.049 | -.528 | 150 | 591 | -.295 | .150 | .121 | -1.257 |
| 150 | 400 | .169 | .095 | .724 | -.211 | 150 | 542 | -.280 | .064 | -.055 | -.557 | 150 | 592 | -.280 | .106 | .029 | -.859 |
| 150 | 401 | .202 | .098 | .668 | -.239 | 150 | 543 | -.289 | .075 | .001 | -.574 | 150 | 593 | -.316 | .096 | -.046 | -.717 |
| 150 | 402 | .170 | .101 | .599 | -.221 | 150 | 544 | -.278 | .081 | -.004 | -.597 | 150 | 594 | -.304 | .095 | -.065 | -.989 |
| 150 | 403 | .105 | .069 | .403 | -.107 | 150 | 545 | -.263 | .090 | .126 | -.647 | 150 | 595 | -.306 | .097 | -.055 | -.771 |
| 150 | 404 | .146 | .073 | .485 | -.033 | 150 | 546 | -.271 | .093 | .021 | -.653 | 150 | 596 | -.299 | .097 | -.079 | -.829 |
| 150 | 405 | .223 | .085 | .587 | .028 | 150 | 547 | -.236 | .110 | .216 | -.599 | 150 | 597 | -.007 | .062 | .236 | -.245 |
| 150 | 406 | .241 | .086 | .607 | .055 | 150 | 548 | -.240 | .119 | .151 | -.656 | 150 | 598 | -.007 | .058 | .201 | -.228 |
| 150 | 407 | .219 | .073 | .521 | .042 | 150 | 549 | -.281 | .054 | -.105 | -.602 | 150 | 599 | .041 | .060 | .304 | -.132 |
| 150 | 408 | .189 | .071 | .492 | -.006 | 150 | 550 | -.292 | .053 | -.109 | -.697 | 150 | 600 | .014 | .056 | .275 | -.172 |
| 150 | 501 | -.308 | .075 | -.076 | -.824 | 150 | 551 | -.270 | .048 | -.090 | -.489 | 150 | 701 | -.176 | .060 | -.016 | -.473 |
| 150 | 502 | -.300 | .063 | -.083 | -.685 | 150 | 552 | -.271 | .082 | -.051 | -.752 | 150 | 702 | -.240 | .039 | -.073 | -.378 |
| 150 | 503 | -.297 | .051 | -.117 | -.531 | 150 | 553 | -.233 | .057 | -.056 | -.577 | 150 | 703 | -.240 | .037 | -.098 | -.357 |
| 150 | 504 | -.297 | .048 | -.145 | -.513 | 150 | 554 | -.240 | .058 | -.053 | -.573 | 150 | 704 | -.286 | .044 | -.121 | -.440 |
| 150 | 505 | -.290 | .048 | -.136 | -.490 | 150 | 555 | -.244 | .066 | -.060 | -.665 | 150 | 705 | -.306 | .060 | -.110 | -.514 |
| 150 | 506 | -.283 | .043 | -.134 | -.450 | 150 | 556 | -.245 | .064 | -.037 | -.642 | 150 | 706 | -.386 | .108 | -.123 | -.923 |
| 150 | 507 | -.297 | .068 | -.093 | -.710 | 150 | 557 | -.279 | .065 | -.105 | -.707 | 150 | 707 | -.317 | .078 | -.087 | -.708 |
| 150 | 508 | -.307 | .056 | -.130 | -.564 | 150 | 558 | -.281 | .063 | -.083 | -.678 | 150 | 708 | -.303 | .054 | -.114 | -.604 |
| 150 | 509 | -.290 | .049 | -.100 | -.594 | 150 | 559 | -.285 | .070 | -.071 | -.735 | 150 | 709 | -.317 | .059 | -.085 | -.591 |
| 150 | 510 | -.279 | .043 | -.110 | -.445 | 150 | 560 | -.283 | .074 | -.119 | -.893 | 150 | 710 | -.360 | .076 | -.181 | -.756 |
| 150 | 511 | -.254 | .041 | -.115 | -.405 | 150 | 561 | -.256 | .065 | -.098 | -.802 | 150 | 711 | -.315 | .150 | .087 | -1.838 |
| 150 | 512 | -.274 | .041 | -.116 | -.424 | 150 | 562 | -.261 | .065 | -.092 | -.818 | 150 | 712 | -.304 | .055 | -.114 | -.563 |
| 150 | 513 | -.301 | .056 | -.133 | -.582 | 150 | 563 | -.280 | .068 | -.074 | -.683 | 150 | 713 | -.314 | .074 | -.057 | -.707 |
| 150 | 514 | -.297 | .047 | -.119 | -.579 | 150 | 564 | -.274 | .066 | -.067 | -.602 | 150 | 714 | -.252 | .124 | .077 | -.802 |
| 150 | 515 | -.280 | .039 | -.127 | -.441 | 150 | 565 | -.273 | .061 | .009 | -.579 | 150 | 715 | -.319 | .100 | -.030 | -.876 |
| 150 | 516 | -.271 | .039 | -.125 | -.410 | 150 | 566 | -.287 | .068 | -.102 | -.635 | 150 | 716 | -.261 | .135 | .176 | -1.149 |
| 150 | 517 | -.267 | .040 | -.121 | -.399 | 150 | 567 | -.286 | .068 | -.060 | -.571 | 150 | 717 | -.286 | .044 | -.129 | -.447 |
| 150 | 518 | -.254 | .041 | -.103 | -.388 | 150 | 568 | -.267 | .061 | -.104 | -.543 | 150 | 718 | -.265 | .040 | -.119 | -.412 |
| 150 | 519 | -.289 | .049 | -.109 | -.614 | 150 | 569 | -.268 | .062 | -.090 | -.548 | 150 | 719 | -.375 | .116 | -.160 | -1.147 |
| 150 | 520 | -.290 | .044 | -.163 | -.497 | 150 | 570 | -.269 | .066 | -.007 | -.586 | 150 | 720 | -.241 | .069 | -.020 | -.793 |
| 150 | 521 | -.290 | .048 | -.137 | -.702 | 150 | 571 | -.261 | .060 | -.011 | -.534 | 150 | 721 | -.266 | .063 | -.105 | -.600 |
| 150 | 522 | -.286 | .056 | -.133 | -.937 | 150 | 572 | -.262 | .084 | .011 | -.651 | 150 | 722 | -.305 | .119 | -.074 | -1.109 |
| 150 | 523 | -.264 | .050 | -.112 | -.656 | 150 | 573 | -.236 | .077 | .022 | -.665 | 150 | 723 | -.293 | .086 | -.077 | -.673 |
| 150 | 524 | -.272 | .051 | -.130 | -.676 | 150 | 574 | -.238 | .097 | .072 | -.898 | 150 | 724 | -.334 | .104 | -.024 | -.819 |
| 150 | 525 | -.288 | .063 | -.139 | -.735 | 150 | 575 | -.217 | .088 | .140 | -.690 | 150 | 725 | .230 | .129 | .669 | -.433 |
| 150 | 526 | -.286 | .063 | -.130 | -.731 | 150 | 576 | -.174 | .104 | .097 | -.546 | 150 | 726 | .016 | .230 | .563 | -.750 |
| 150 | 527 | -.322 | .085 | -.137 | -.819 | 150 | 577 | -.313 | .097 | -.051 | -.776 | 150 | 727 | .026 | .189 | .566 | -.624 |
| 150 | 528 | -.326 | .085 | -.141 | -.822 | 150 | 578 | -.293 | .081 | -.056 | -.637 | 150 | 728 | -.103 | .146 | .506 | -.634 |
| 150 | 529 | -.289 | .049 | -.111 | -.461 | 150 | 579 | -.300 | .076 | -.106 | -.678 | 150 | 729 | -.006 | .115 | .427 | -.398 |
| 150 | 530 | -.283 | .048 | -.093 | -.454 | 150 | 580 | -.395 | .140 | -.106 | -.964 | 150 | 730 | .437 | .132 | .890 | -.028 |
| 150 | 531 | -.271 | .045 | -.066 | -.460 | 150 | 581 | -.328 | .128 | -.098 | -1.177 | 150 | 731 | .317 | .116 | .697 | -.057 |
| 150 | 532 | -.292 | .052 | -.144 | -.575 | 150 | 582 | -.310 | .122 | -.060 | -1.056 | 150 | 732 | .282 | .090 | .633 | .073 |
| 150 | 533 | -.326 | .065 | -.146 | -.646 | 150 | 583 | -.325 | .127 | -.102 | -1.055 | 150 | 733 | .367 | .127 | .846 | -.028 |
| 150 | 534 | -.363 | .115 | -.153 | -1.127 | 150 | 584 | -.305 | .126 | -.069 | -.870 | 150 | 734 | .294 | .115 | .808 | -.058 |
| 150 | 535 | -.343 | .079 | -.160 | -.805 | 150 | 585 | -.332 | .144 | -.025 | -1.353 | 150 | 735 | -.008 | .060 | .187 | -.223 |
| 150 | 536 | -.294 | .047 | -.102 | -.471 | 150 | 586 | -.309 | .114 | -.053 | -.935 | 150 | 736 | .119 | .094 | .539 | -.628 |
| 150 | 537 | -.276 | .045 | -.112 | -.423 | 150 | 587 | -.341 | .099 | -.123 | -.859 | 150 | 901 | .276 | .098 | .728 | .049 |
| 150 | 538 | -.302 | .053 | -.104 | -.515 | 150 | 588 | -.322 | .098 | -.137 | -.922 | 150 | 902 | .269 | .095 | .689 | .055 |
| 150 | 539 | -.276 | .053 | -.088 | -.506 | 150 | 589 | -.304 | .095 | -.109 | -.825 | 150 | 903 | .313 | .103 | .792 | .080 |
| 150 | 540 | -.294 | .063 | -.093 | -.569 | 150 | 590 | -.292 | .093 | -.086 | -.789 | 150 | 904 | .300 | .085 | .617 | .096 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 150 | 905 | .291 | .084 | .644 | .093 | 160 | 113 | -.230 | .042 | -.101 | -.359 | 160 | 163 | -.293 | .090 | -.048 | -.940 |
| 150 | 906 | .238 | .071 | .507 | .069 | 160 | 114 | -.233 | .041 | -.094 | -.362 | 160 | 164 | -.307 | .087 | -.056 | -.666 |
| 150 | 907 | .238 | .070 | .485 | .070 | 160 | 115 | -.229 | .042 | -.109 | -.400 | 160 | 165 | -.254 | .103 | .042 | -.694 |
| 150 | 908 | .103 | .090 | .465 | -.243 | 160 | 116 | -.248 | .041 | -.123 | -.422 | 160 | 166 | -.279 | .100 | .108 | -.742 |
| 150 | 909 | .069 | .063 | .371 | -.172 | 160 | 117 | -.249 | .045 | -.101 | -.407 | 160 | 167 | -.203 | .104 | .104 | -.764 |
| 150 | 910 | .088 | .060 | .404 | -.082 | 160 | 118 | -.245 | .049 | -.093 | -.498 | 160 | 168 | -.246 | .108 | .071 | -.809 |
| 150 | 911 | -.301 | .069 | -.077 | -.597 | 160 | 119 | -.249 | .044 | -.084 | -.544 | 160 | 169 | -.165 | .122 | .184 | -.784 |
| 150 | 912 | -.294 | .069 | -.097 | -.590 | 160 | 120 | -.251 | .043 | -.104 | -.573 | 160 | 170 | -.279 | .084 | -.048 | -.613 |
| 150 | 913 | -.291 | .064 | -.124 | -.624 | 160 | 121 | -.238 | .042 | -.109 | -.357 | 160 | 171 | -.308 | .089 | -.046 | -.685 |
| 150 | 914 | .106 | .085 | .495 | -.171 | 160 | 122 | -.256 | .042 | -.085 | -.395 | 160 | 172 | -.323 | .093 | -.086 | -.854 |
| 150 | 915 | .089 | .075 | .366 | -.190 | 160 | 123 | -.254 | .044 | -.105 | -.419 | 160 | 173 | -.312 | .100 | .019 | -.736 |
| 150 | 916 | .052 | .067 | .287 | -.201 | 160 | 124 | -.267 | .049 | -.122 | -.463 | 160 | 174 | -.283 | .097 | .010 | -.645 |
| 150 | 917 | .283 | .100 | .703 | .043 | 160 | 125 | -.264 | .053 | -.094 | -.809 | 160 | 175 | -.228 | .099 | .060 | -.613 |
| 150 | 918 | .406 | .133 | .823 | -.022 | 160 | 126 | -.255 | .050 | -.110 | -.722 | 160 | 176 | -.270 | .104 | .020 | -.711 |
| 150 | 919 | .430 | .142 | .903 | -.008 | 160 | 127 | -.274 | .047 | -.141 | -.449 | 160 | 177 | -.228 | .112 | .084 | -.711 |
| 150 | 920 | -.297 | .058 | -.121 | -.715 | 160 | 128 | -.266 | .050 | -.121 | -.521 | 160 | 178 | -.216 | .119 | .121 | -.709 |
| 150 | 921 | -.298 | .052 | -.118 | -.690 | 160 | 129 | -.278 | .051 | -.111 | -.465 | 160 | 201 | -.726 | .248 | -.177 | -2.150 |
| 150 | 922 | -.357 | .088 | -.164 | -.871 | 160 | 130 | -.275 | .053 | -.115 | -.549 | 160 | 202 | -.614 | .179 | .042 | -1.181 |
| 150 | 923 | .123 | .086 | .567 | -.192 | 160 | 131 | -.293 | .066 | -.093 | -.530 | 160 | 203 | -.179 | .064 | -.006 | -.511 |
| 150 | 924 | .084 | .082 | .337 | -.201 | 160 | 132 | -.317 | .070 | -.106 | -.625 | 160 | 204 | -.148 | .037 | -.025 | -.295 |
| 150 | 925 | .038 | .077 | .299 | -.234 | 160 | 133 | -.252 | .088 | .021 | -.557 | 160 | 205 | -.193 | .036 | -.072 | -.312 |
| 150 | 926 | .339 | .102 | .706 | .071 | 160 | 134 | -.260 | .087 | .023 | -1.157 | 160 | 206 | -.154 | .035 | -.012 | -.273 |
| 150 | 927 | .464 | .126 | .864 | .050 | 160 | 135 | -.312 | .098 | .004 | -.862 | 160 | 207 | -.651 | .206 | -.157 | -1.504 |
| 150 | 928 | .513 | .131 | .886 | .089 | 160 | 136 | -.243 | .088 | .020 | -.563 | 160 | 208 | -.674 | .210 | -.170 | -1.583 |
| 150 | 929 | -.297 | .091 | .031 | -.581 | 160 | 137 | -.285 | .082 | -.003 | -.608 | 160 | 209 | -.123 | .075 | .032 | -.468 |
| 150 | 930 | -.373 | .065 | -.159 | -.727 | 160 | 138 | -.294 | .084 | -.055 | -.615 | 160 | 210 | -.073 | .035 | .053 | -.243 |
| 150 | 931 | -.350 | .056 | -.144 | -.537 | 160 | 139 | -.250 | .101 | .101 | -.687 | 160 | 211 | -.191 | .038 | -.071 | -.342 |
| 150 | 932 | -.380 | .086 | -.135 | -.953 | 160 | 140 | -.268 | .100 | .084 | -.770 | 160 | 212 | -.190 | .037 | -.053 | -.320 |
| 150 | 933 | -.344 | .058 | -.169 | -.542 | 160 | 141 | -.245 | .113 | .071 | -.731 | 160 | 213 | -.524 | .158 | -.079 | -1.412 |
| 150 | 934 | -.251 | .073 | -.037 | -.516 | 160 | 142 | -.268 | .115 | .056 | -1.053 | 160 | 214 | -.565 | .155 | .213 | -1.268 |
| 150 | 935 | -.386 | .081 | -.087 | -.719 | 160 | 143 | -.297 | .130 | .213 | -.874 | 160 | 215 | -.258 | .207 | .146 | -.973 |
| 150 | 936 | -.430 | .081 | -.182 | -.736 | 160 | 144 | -.248 | .138 | .227 | -.658 | 160 | 216 | -.099 | .059 | .033 | -.554 |
| 150 | 937 | -.196 | .073 | -.002 | -.473 | 160 | 145 | -.231 | .107 | .113 | -.646 | 160 | 217 | -.179 | .035 | -.054 | -.310 |
| 150 | 938 | -.347 | .097 | -.044 | -.713 | 160 | 146 | -.259 | .115 | .088 | -.747 | 160 | 218 | -.165 | .035 | -.056 | -.302 |
| 150 | 939 | -.438 | .082 | -.147 | -.880 | 160 | 147 | -.260 | .124 | .075 | -.852 | 160 | 219 | -.549 | .152 | -.117 | -1.191 |
| 150 | 940 | -.246 | .060 | .021 | -.451 | 160 | 148 | -.272 | .121 | .083 | -.914 | 160 | 220 | -.613 | .180 | .134 | -1.245 |
| 150 | 941 | -.434 | .117 | .043 | -.848 | 160 | 149 | -.263 | .135 | .229 | -1.180 | 160 | 221 | -.258 | .206 | .123 | -1.008 |
| 150 | 942 | -.424 | .097 | -.039 | -.890 | 160 | 150 | -.220 | .141 | .347 | -.829 | 160 | 222 | -.076 | .077 | .072 | -.613 |
| 160 | 101 | -.214 | .042 | -.071 | -.400 | 160 | 151 | -.184 | .123 | .243 | -.617 | 160 | 223 | -.193 | .040 | -.066 | -.433 |
| 160 | 102 | -.232 | .043 | -.075 | -.450 | 160 | 152 | -.214 | .136 | .193 | -.871 | 160 | 224 | -.224 | .043 | -.084 | -.404 |
| 160 | 103 | -.225 | .044 | -.058 | -.428 | 160 | 153 | -.212 | .071 | .012 | -.433 | 160 | 225 | -.510 | .186 | -.020 | -1.333 |
| 160 | 104 | -.235 | .053 | -.035 | -.546 | 160 | 154 | -.228 | .074 | .003 | -.462 | 160 | 226 | -.503 | .164 | .001 | -1.216 |
| 160 | 105 | -.263 | .058 | -.078 | -.662 | 160 | 155 | -.189 | .071 | .016 | -.531 | 160 | 227 | -.243 | .169 | .121 | -.885 |
| 160 | 106 | -.267 | .060 | -.067 | -.530 | 160 | 156 | -.239 | .083 | .003 | -.586 | 160 | 228 | -.115 | .060 | .056 | -.516 |
| 160 | 107 | -.217 | .045 | -.060 | -.440 | 160 | 157 | -.287 | .060 | -.087 | -.514 | 160 | 229 | -.169 | .041 | -.034 | -.342 |
| 160 | 108 | -.219 | .045 | -.071 | -.442 | 160 | 158 | -.270 | .059 | -.101 | -.515 | 160 | 230 | -.169 | .043 | .006 | -.347 |
| 160 | 109 | -.222 | .046 | -.083 | -.426 | 160 | 159 | -.277 | .061 | -.059 | -.532 | 160 | 231 | -.544 | .154 | -.124 | -1.345 |
| 160 | 110 | -.220 | .049 | -.048 | -.507 | 160 | 160 | -.286 | .075 | -.098 | -.592 | 160 | 232 | -.560 | .174 | -.009 | -1.177 |
| 160 | 111 | -.253 | .056 | -.048 | -.594 | 160 | 161 | -.295 | .076 | -.071 | -.674 | 160 | 233 | -.475 | .144 | -.103 | -1.091 |
| 160 | 112 | -.281 | .062 | -.084 | -.645 | 160 | 162 | -.284 | .087 | -.052 | -.643 | 160 | 234 | -.446 | .146 | .013 | -.965 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 160 | 235 | -.173 | .113 | .096 | -.673 | 160 | 305 | .374 | .112 | .740 | .012 | 160 | 356 | .128 | .086 | .460 | -.170 |
| 160 | 236 | -.103 | .045 | .038 | -.328 | 160 | 306 | .285 | .115 | .676 | -.075 | 160 | 357 | .356 | .111 | .738 | .064 |
| 160 | 237 | -.158 | .055 | .052 | -.362 | 160 | 307 | .064 | .062 | .249 | -.147 | 160 | 358 | .436 | .124 | .796 | .113 |
| 160 | 238 | -.096 | .050 | .134 | -.302 | 160 | 308 | .233 | .086 | .511 | -.036 | 160 | 359 | .421 | .122 | .774 | .114 |
| 160 | 239 | -.351 | .130 | -.026 | -.994 | 160 | 309 | .418 | .112 | .760 | .079 | 160 | 360 | .367 | .121 | .750 | .051 |
| 160 | 240 | -.355 | .130 | .041 | -.876 | 160 | 310 | .473 | .117 | .864 | .096 | 160 | 361 | -.027 | .070 | .264 | -.282 |
| 160 | 241 | -.288 | .149 | .101 | -1.003 | 160 | 311 | .479 | .117 | .832 | .101 | 160 | 362 | .127 | .083 | .514 | -.133 |
| 160 | 242 | -.239 | .142 | .104 | -.837 | 160 | 312 | .305 | .114 | .640 | -.127 | 160 | 363 | .369 | .110 | .890 | .090 |
| 160 | 243 | -.078 | .084 | .139 | -.483 | 160 | 313 | .062 | .061 | .283 | -.134 | 160 | 364 | .449 | .117 | .951 | .127 |
| 160 | 244 | -.173 | .060 | .030 | -.404 | 160 | 314 | .240 | .087 | .494 | -.016 | 160 | 365 | .346 | .108 | .788 | .021 |
| 160 | 245 | -.134 | .059 | .084 | -.377 | 160 | 315 | .516 | .126 | .842 | .131 | 160 | 366 | .349 | .112 | .657 | .076 |
| 160 | 246 | -.140 | .083 | .114 | -.485 | 160 | 316 | .609 | .134 | .979 | .203 | 160 | 367 | .297 | .111 | .660 | .001 |
| 160 | 247 | -.182 | .068 | .032 | -.423 | 160 | 317 | .453 | .120 | .912 | .129 | 160 | 368 | .292 | .125 | .705 | -.046 |
| 160 | 248 | -.137 | .068 | .079 | -.476 | 160 | 318 | .142 | .119 | .580 | -.198 | 160 | 369 | .275 | .111 | .605 | .004 |
| 160 | 249 | -.120 | .076 | .109 | -.456 | 160 | 319 | .035 | .063 | .270 | -.207 | 160 | 370 | .323 | .101 | .682 | .064 |
| 160 | 250 | .234 | .146 | .612 | -.438 | 160 | 320 | .206 | .086 | .506 | -.064 | 160 | 371 | .284 | .093 | .620 | .058 |
| 160 | 251 | .230 | .160 | .671 | -.363 | 160 | 321 | .462 | .126 | .845 | .128 | 160 | 372 | .329 | .103 | .722 | .033 |
| 160 | 252 | .259 | .147 | .681 | -.325 | 160 | 322 | .540 | .136 | .925 | .176 | 160 | 373 | .282 | .090 | .654 | .002 |
| 160 | 253 | .208 | .131 | .619 | -.389 | 160 | 323 | .411 | .122 | .798 | .096 | 160 | 374 | -.033 | .097 | .269 | -.482 |
| 160 | 254 | .277 | .104 | .742 | -.137 | 160 | 324 | .153 | .129 | .646 | -.251 | 160 | 375 | .098 | .104 | .484 | -.331 |
| 160 | 255 | .136 | .108 | .649 | -.182 | 160 | 325 | .023 | .068 | .239 | -.279 | 160 | 376 | .249 | .129 | .751 | -.147 |
| 160 | 256 | .132 | .124 | .486 | -.316 | 160 | 326 | .216 | .083 | .488 | -.070 | 160 | 377 | .299 | .153 | .819 | -.153 |
| 160 | 257 | .148 | .111 | .668 | -.203 | 160 | 327 | .000 | .068 | .316 | -.523 | 160 | 378 | .314 | .143 | .719 | -.324 |
| 160 | 258 | .153 | .080 | .646 | -.130 | 160 | 328 | .192 | .084 | .575 | -.165 | 160 | 379 | .307 | .141 | .828 | -.393 |
| 160 | 259 | .172 | .085 | .563 | -.123 | 160 | 329 | -.009 | .069 | .201 | -.538 | 160 | 380 | -.095 | .091 | .222 | -.531 |
| 160 | 260 | .199 | .085 | .616 | -.038 | 160 | 330 | .171 | .080 | .426 | -.171 | 160 | 381 | .067 | .094 | .381 | -.350 |
| 160 | 261 | .200 | .084 | .560 | -.082 | 160 | 331 | .469 | .115 | .844 | .066 | 160 | 382 | -.132 | .074 | .156 | -.420 |
| 160 | 262 | .248 | .142 | .674 | -.304 | 160 | 332 | .530 | .128 | .978 | .114 | 160 | 383 | .027 | .080 | .397 | -.208 |
| 160 | 263 | .248 | .140 | .709 | -.216 | 160 | 333 | .298 | .139 | .777 | -.070 | 160 | 384 | .237 | .098 | .695 | -.044 |
| 160 | 264 | .251 | .134 | .669 | -.233 | 160 | 334 | .118 | .139 | .647 | -.288 | 160 | 385 | .317 | .111 | .850 | .038 |
| 160 | 265 | .248 | .094 | .595 | -.099 | 160 | 336 | .326 | .135 | .816 | -.175 | 160 | 386 | .323 | .113 | .853 | .060 |
| 160 | 266 | .298 | .097 | .634 | .035 | 160 | 337 | .151 | .135 | .684 | -.332 | 160 | 387 | .293 | .102 | .731 | -.060 |
| 160 | 267 | .303 | .096 | .669 | -.008 | 160 | 338 | .311 | .128 | .687 | -.286 | 160 | 388 | -.128 | .074 | .204 | -.440 |
| 160 | 268 | .325 | .109 | .791 | .060 | 160 | 339 | .254 | .102 | .596 | -.276 | 160 | 389 | -.002 | .071 | .374 | -.199 |
| 160 | 269 | -.140 | .155 | .245 | -.781 | 160 | 340 | .143 | .131 | .598 | -.322 | 160 | 390 | .143 | .081 | .504 | -.102 |
| 160 | 270 | -.122 | .168 | .299 | -.865 | 160 | 341 | .210 | .131 | .682 | -.259 | 160 | 391 | .335 | .115 | .790 | .086 |
| 160 | 271 | -.149 | .113 | .178 | -.603 | 160 | 342 | .161 | .108 | .548 | -.226 | 160 | 392 | .335 | .109 | .779 | .053 |
| 160 | 272 | -.078 | .063 | .108 | -.366 | 160 | 343 | .164 | .091 | .624 | -.078 | 160 | 393 | .320 | .105 | .769 | .050 |
| 160 | 273 | -.111 | .059 | .050 | -.411 | 160 | 344 | .133 | .104 | .499 | -.267 | 160 | 394 | -.025 | .068 | .195 | -.281 |
| 160 | 274 | -.130 | .063 | .040 | -.385 | 160 | 345 | .180 | .085 | .586 | -.058 | 160 | 395 | .108 | .070 | .375 | -.114 |
| 160 | 275 | -.016 | .118 | .233 | -.700 | 160 | 346 | .111 | .082 | .468 | -.184 | 160 | 396 | .113 | .090 | .504 | -.140 |
| 160 | 276 | -.033 | .118 | .245 | -.596 | 160 | 347 | .061 | .099 | .419 | -.314 | 160 | 397 | .120 | .084 | .637 | -.077 |
| 160 | 277 | .034 | .052 | .255 | -.150 | 160 | 348 | .178 | .104 | .568 | -.194 | 160 | 398 | .130 | .080 | .492 | -.121 |
| 160 | 278 | -.019 | .044 | .174 | -.174 | 160 | 349 | .323 | .130 | .806 | -.217 | 160 | 399 | .181 | .093 | .615 | -.032 |
| 160 | 279 | -.085 | .045 | .077 | -.243 | 160 | 350 | .446 | .137 | .887 | -.111 | 160 | 400 | .187 | .103 | .633 | -.242 |
| 160 | 280 | -.130 | .050 | .025 | -.377 | 160 | 351 | .451 | .147 | .907 | -.208 | 160 | 401 | .141 | .093 | .585 | -.205 |
| 160 | 301 | .041 | .061 | .226 | -.148 | 160 | 352 | .416 | .143 | .825 | -.304 | 160 | 402 | .106 | .103 | .482 | -.305 |
| 160 | 302 | .143 | .079 | .390 | -.101 | 160 | 353 | .011 | .087 | .276 | -.354 | 160 | 403 | .166 | .078 | .474 | -.027 |
| 160 | 303 | .249 | .090 | .548 | -.010 | 160 | 354 | .157 | .092 | .444 | -.202 | 160 | 404 | .194 | .082 | .548 | -.019 |
| 160 | 304 | .300 | .099 | .674 | -.030 | 160 | 355 | -.003 | .079 | .265 | -.271 | 160 | 405 | .227 | .082 | .630 | .028 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 160 | 406 | .213 | .074 | .630 | .021 | 160 | 548 | -.185 | .125 | .245 | -.948 | 160 | 598 | .087 | .077 | .416 | -.162 |
| 160 | 407 | .140 | .065 | .472 | -.030 | 160 | 549 | -.324 | .080 | -.090 | -.673 | 160 | 599 | .128 | .082 | .505 | -.114 |
| 160 | 408 | .086 | .072 | .457 | -.157 | 160 | 550 | -.323 | .074 | -.075 | -.657 | 160 | 600 | .082 | .080 | .416 | -.185 |
| 160 | 501 | -.325 | .090 | -.042 | -.849 | 160 | 551 | -.314 | .083 | .020 | -.656 | 160 | 701 | -.199 | .082 | .031 | -.474 |
| 160 | 502 | -.316 | .078 | -.048 | -.712 | 160 | 552 | -.441 | .167 | -.126 | -1.051 | 160 | 702 | -.226 | .046 | -.065 | -.436 |
| 160 | 503 | -.311 | .064 | -.036 | -.676 | 160 | 553 | -.414 | .178 | -.104 | -1.119 | 160 | 703 | -.238 | .040 | -.055 | -.386 |
| 160 | 504 | -.310 | .053 | -.067 | -.553 | 160 | 554 | -.422 | .188 | -.110 | -1.227 | 160 | 704 | -.249 | .052 | -.088 | -.627 |
| 160 | 505 | -.306 | .052 | -.145 | -.531 | 160 | 555 | -.414 | .179 | -.120 | -1.102 | 160 | 705 | -.243 | .088 | .085 | -.513 |
| 160 | 506 | -.291 | .046 | -.149 | -.470 | 160 | 556 | -.413 | .185 | -.095 | -1.438 | 160 | 706 | -.261 | .140 | .096 | -1.045 |
| 160 | 507 | -.315 | .087 | -.072 | -.814 | 160 | 557 | -.345 | .097 | -.114 | -.882 | 160 | 707 | -.322 | .086 | -.077 | -.795 |
| 160 | 508 | -.316 | .073 | -.063 | -.704 | 160 | 558 | -.338 | .091 | -.103 | -.798 | 160 | 708 | -.323 | .082 | -.111 | -.967 |
| 160 | 509 | -.299 | .059 | -.113 | -.744 | 160 | 559 | -.341 | .083 | -.108 | -.692 | 160 | 709 | -.296 | .065 | -.136 | -.782 |
| 160 | 510 | -.290 | .051 | -.113 | -.599 | 160 | 560 | -.401 | .109 | -.162 | -.941 | 160 | 710 | -.339 | .097 | -.070 | -.881 |
| 160 | 511 | -.267 | .048 | -.067 | -.517 | 160 | 561 | -.378 | .121 | -.102 | -.913 | 160 | 711 | -.214 | .138 | .163 | -.964 |
| 160 | 512 | -.282 | .048 | -.116 | -.456 | 160 | 562 | -.384 | .120 | -.103 | -.920 | 160 | 712 | -.329 | .085 | -.092 | -.792 |
| 160 | 513 | -.323 | .076 | -.141 | -.808 | 160 | 563 | -.338 | .088 | -.099 | -.759 | 160 | 713 | -.336 | .098 | -.080 | -.775 |
| 160 | 514 | -.310 | .073 | -.114 | -.929 | 160 | 564 | -.335 | .088 | -.083 | -.714 | 160 | 714 | -.231 | .127 | .068 | -1.049 |
| 160 | 515 | -.281 | .055 | -.120 | -.722 | 160 | 565 | -.334 | .087 | -.089 | -.739 | 160 | 715 | -.376 | .106 | -.094 | -.805 |
| 160 | 516 | -.270 | .049 | -.120 | -.481 | 160 | 566 | -.336 | .085 | .007 | -.704 | 160 | 716 | -.275 | .131 | .094 | -.976 |
| 160 | 517 | -.268 | .048 | -.116 | -.511 | 160 | 567 | -.359 | .088 | -.129 | -.924 | 160 | 717 | -.282 | .047 | -.090 | -.467 |
| 160 | 518 | -.260 | .053 | -.099 | -.726 | 160 | 568 | -.344 | .084 | -.135 | -.780 | 160 | 718 | -.279 | .055 | -.091 | -.650 |
| 160 | 519 | -.309 | .079 | -.104 | -.714 | 160 | 569 | -.343 | .085 | -.126 | -.723 | 160 | 719 | -.355 | .122 | -.130 | -1.434 |
| 160 | 520 | -.313 | .072 | -.135 | -.900 | 160 | 570 | -.331 | .092 | -.045 | -.920 | 160 | 720 | -.426 | .201 | -.082 | -1.414 |
| 160 | 521 | -.307 | .063 | -.135 | -.680 | 160 | 571 | -.326 | .087 | -.056 | -.744 | 160 | 721 | -.341 | .097 | -.098 | -.950 |
| 160 | 522 | -.298 | .063 | -.123 | -.625 | 160 | 572 | -.324 | .104 | -.061 | -.842 | 160 | 722 | -.548 | .198 | -.104 | -1.311 |
| 160 | 523 | -.276 | .056 | -.104 | -.543 | 160 | 573 | -.302 | .098 | -.047 | -.671 | 160 | 723 | -.436 | .130 | -.124 | -.961 |
| 160 | 524 | -.279 | .056 | -.100 | -.563 | 160 | 574 | -.289 | .118 | -.014 | -.901 | 160 | 724 | -.428 | .160 | -.091 | -1.500 |
| 160 | 525 | -.302 | .070 | -.116 | -.759 | 160 | 575 | -.279 | .115 | .003 | -.873 | 160 | 725 | -.231 | .224 | .323 | -1.162 |
| 160 | 526 | -.302 | .071 | -.130 | -.805 | 160 | 576 | -.240 | .117 | .054 | -.749 | 160 | 726 | -.634 | .245 | .141 | -1.491 |
| 160 | 527 | -.319 | .084 | -.116 | -.898 | 160 | 577 | -.376 | .104 | -.042 | -.785 | 160 | 727 | -.429 | .205 | .237 | -1.071 |
| 160 | 528 | -.328 | .083 | -.107 | -.894 | 160 | 578 | -.364 | .101 | -.045 | -.797 | 160 | 728 | -.276 | .129 | .270 | -.804 |
| 160 | 529 | -.299 | .065 | -.123 | -.675 | 160 | 579 | -.389 | .113 | -.117 | -.896 | 160 | 729 | -.223 | .119 | .139 | -.667 |
| 160 | 530 | -.299 | .065 | -.123 | -.635 | 160 | 580 | -.500 | .141 | -.118 | -1.175 | 160 | 730 | .204 | .168 | .662 | -.585 |
| 160 | 531 | -.277 | .064 | -.014 | -.566 | 160 | 581 | -.545 | .181 | -.107 | -1.610 | 160 | 731 | .144 | .110 | .706 | -.191 |
| 160 | 532 | -.303 | .068 | -.055 | -.721 | 160 | 582 | -.534 | .181 | -.102 | -1.700 | 160 | 732 | .172 | .082 | .697 | -.034 |
| 160 | 533 | -.327 | .091 | -.133 | -.971 | 160 | 583 | -.529 | .168 | -.112 | -1.272 | 160 | 733 | .277 | .132 | .644 | -.214 |
| 160 | 534 | -.338 | .118 | -.116 | -1.324 | 160 | 584 | -.536 | .167 | -.054 | -1.283 | 160 | 734 | .300 | .100 | .645 | .045 |
| 160 | 535 | -.316 | .092 | -.087 | -.959 | 160 | 585 | -.335 | .105 | -.044 | -.946 | 160 | 735 | .078 | .082 | .399 | -.224 |
| 160 | 536 | -.301 | .069 | -.118 | -.654 | 160 | 586 | -.320 | .098 | -.014 | -.868 | 160 | 736 | -.072 | .129 | .291 | -1.001 |
| 160 | 537 | -.284 | .066 | -.109 | -.533 | 160 | 587 | -.359 | .101 | -.058 | -.814 | 160 | 901 | .320 | .116 | .799 | .057 |
| 160 | 538 | -.301 | .077 | -.100 | -.659 | 160 | 588 | -.447 | .137 | -.113 | -1.011 | 160 | 902 | .316 | .113 | .780 | .060 |
| 160 | 539 | -.300 | .077 | -.101 | -.759 | 160 | 589 | -.443 | .136 | -.087 | -1.003 | 160 | 903 | .343 | .115 | .777 | .076 |
| 160 | 540 | -.322 | .095 | -.049 | -1.065 | 160 | 590 | -.428 | .132 | -.078 | -.963 | 160 | 904 | .270 | .082 | .618 | .056 |
| 160 | 541 | -.304 | .095 | -.062 | -.974 | 160 | 591 | -.234 | .109 | .113 | -.943 | 160 | 905 | .227 | .080 | .604 | .011 |
| 160 | 542 | -.302 | .092 | -.070 | -.931 | 160 | 592 | -.221 | .090 | .082 | -.787 | 160 | 906 | .187 | .065 | .428 | -.003 |
| 160 | 543 | -.306 | .116 | .013 | -.816 | 160 | 593 | -.271 | .108 | .066 | -.685 | 160 | 907 | .168 | .067 | .452 | -.000 |
| 160 | 544 | -.287 | .107 | -.011 | -.781 | 160 | 594 | -.393 | .128 | -.062 | -.984 | 160 | 908 | -.049 | .101 | .253 | -.461 |
| 160 | 545 | -.244 | .120 | .102 | -.813 | 160 | 595 | -.421 | .142 | -.100 | -1.185 | 160 | 909 | -.018 | .060 | .178 | -.262 |
| 160 | 546 | -.244 | .110 | .066 | -.617 | 160 | 596 | -.431 | .143 | -.036 | -1.344 | 160 | 910 | .016 | .056 | .231 | -.170 |
| 160 | 547 | -.187 | .130 | .173 | -.947 | 160 | 597 | .096 | .081 | .428 | -.160 | 160 | 911 | -.334 | .094 | .038 | -.680 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 160 | 912 | -.329 | .095 | .038 | -.704 | 170 | 120 | -.256 | .089 | -.043 | -.888 | 170 | 170 | -.285 | .088 | -.053 | -.657 |
| 160 | 913 | -.354 | .094 | -.142 | -.918 | 170 | 121 | -.232 | .060 | -.048 | -.517 | 170 | 171 | -.328 | .095 | -.089 | -.710 |
| 160 | 914 | .106 | .090 | .501 | -.228 | 170 | 122 | -.240 | .049 | -.102 | -.429 | 170 | 172 | -.344 | .094 | -.101 | -.776 |
| 160 | 915 | .083 | .088 | .375 | -.321 | 170 | 123 | -.251 | .064 | -.044 | -.533 | 170 | 173 | -.286 | .086 | -.071 | -.649 |
| 160 | 916 | .047 | .086 | .336 | -.396 | 170 | 124 | -.297 | .087 | -.050 | -.777 | 170 | 174 | -.287 | .086 | -.071 | -.621 |
| 160 | 917 | .340 | .122 | .751 | .036 | 170 | 125 | -.243 | .098 | .038 | -.754 | 170 | 175 | -.237 | .081 | -.053 | -.627 |
| 160 | 918 | .427 | .133 | .850 | .088 | 170 | 126 | -.230 | .095 | -.001 | -.825 | 170 | 176 | -.279 | .088 | -.063 | -.677 |
| 160 | 919 | .445 | .137 | 1.002 | .103 | 170 | 127 | -.221 | .064 | -.062 | -.661 | 170 | 177 | -.257 | .090 | -.038 | -.718 |
| 160 | 920 | -.304 | .076 | .012 | -.970 | 170 | 128 | -.230 | .063 | -.036 | -.559 | 170 | 178 | -.264 | .091 | -.044 | -.745 |
| 160 | 921 | -.300 | .071 | -.057 | -.807 | 170 | 129 | -.283 | .072 | -.090 | -.619 | 170 | 201 | -.999 | .346 | -.267 | -2.518 |
| 160 | 922 | -.334 | .098 | -.114 | -.893 | 170 | 130 | -.289 | .080 | -.070 | -.635 | 170 | 202 | -.742 | .181 | -.176 | -1.292 |
| 160 | 923 | .133 | .095 | .551 | -.179 | 170 | 131 | -.283 | .080 | -.079 | -.614 | 170 | 203 | -.435 | .132 | -.104 | -1.062 |
| 160 | 924 | .089 | .102 | .422 | -.244 | 170 | 132 | -.309 | .088 | -.092 | -.648 | 170 | 204 | -.286 | .105 | .025 | -.753 |
| 160 | 925 | .044 | .108 | .366 | -.471 | 170 | 133 | -.188 | .128 | .135 | -.983 | 170 | 205 | -.215 | .066 | .011 | -.495 |
| 160 | 926 | .431 | .124 | .872 | .086 | 170 | 134 | -.199 | .141 | .123 | -1.050 | 170 | 206 | -.175 | .062 | .025 | -.500 |
| 160 | 927 | .509 | .123 | .879 | .168 | 170 | 135 | -.168 | .066 | .057 | -.530 | 170 | 207 | -.961 | .280 | -.295 | -2.075 |
| 160 | 928 | .554 | .127 | .955 | .204 | 170 | 136 | -.250 | .092 | -.009 | -.615 | 170 | 208 | -.985 | .270 | -.324 | -2.129 |
| 160 | 929 | -.363 | .072 | -.094 | -.601 | 170 | 137 | -.280 | .087 | -.050 | -.784 | 170 | 209 | -.410 | .131 | -.071 | -.986 |
| 160 | 930 | -.374 | .065 | -.121 | -.642 | 170 | 138 | -.272 | .086 | .002 | -.736 | 170 | 210 | -.219 | .105 | -.029 | -.750 |
| 160 | 931 | -.356 | .059 | -.150 | -.596 | 170 | 139 | -.225 | .076 | -.029 | -.559 | 170 | 211 | -.223 | .068 | -.003 | -.602 |
| 160 | 932 | -.378 | .076 | -.105 | -.685 | 170 | 140 | -.237 | .078 | -.024 | -.573 | 170 | 212 | -.218 | .066 | -.025 | -.716 |
| 160 | 933 | -.358 | .060 | -.168 | -.587 | 170 | 141 | -.128 | .139 | .133 | -.790 | 170 | 213 | -.630 | .160 | -.150 | -1.280 |
| 160 | 934 | -.324 | .079 | -.066 | -.606 | 170 | 142 | -.139 | .135 | .146 | -.869 | 170 | 214 | -.626 | .140 | -.156 | -1.419 |
| 160 | 935 | -.410 | .074 | -.138 | -.665 | 170 | 143 | -.122 | .096 | .203 | -.547 | 170 | 215 | -.615 | .180 | .025 | -1.152 |
| 160 | 936 | -.431 | .082 | -.180 | -.889 | 170 | 144 | -.199 | .107 | .085 | -.701 | 170 | 216 | -.372 | .180 | .013 | -1.107 |
| 160 | 937 | -.236 | .078 | .017 | -.519 | 170 | 145 | -.184 | .085 | .078 | -.583 | 170 | 217 | -.237 | .102 | .082 | -.764 |
| 160 | 938 | -.411 | .088 | -.153 | -.780 | 170 | 146 | -.205 | .091 | .050 | -.641 | 170 | 218 | -.222 | .102 | .101 | -.799 |
| 160 | 939 | -.425 | .080 | -.205 | -.798 | 170 | 147 | -.082 | .107 | .162 | -.581 | 170 | 219 | -.647 | .168 | -.209 | -1.510 |
| 160 | 940 | -.171 | .099 | .213 | -.455 | 170 | 148 | -.089 | .100 | .177 | -.511 | 170 | 220 | -.643 | .179 | -.216 | -1.627 |
| 160 | 941 | -.381 | .084 | -.094 | -.671 | 170 | 149 | -.083 | .102 | .208 | -.550 | 170 | 221 | -.600 | .184 | .017 | -1.235 |
| 160 | 942 | -.407 | .085 | -.131 | -.784 | 170 | 150 | -.158 | .109 | .163 | -.713 | 170 | 222 | -.336 | .181 | .081 | -1.202 |
| 170 | 101 | -.217 | .067 | .009 | -.505 | 170 | 151 | -.161 | .103 | .076 | -.636 | 170 | 223 | -.272 | .130 | .075 | -.888 |
| 170 | 102 | -.234 | .070 | -.011 | -.557 | 170 | 152 | -.199 | .120 | .081 | -.747 | 170 | 224 | -.288 | .132 | 0.000 | -1.125 |
| 170 | 103 | -.238 | .069 | -.022 | -.609 | 170 | 153 | -.137 | .088 | .077 | -.451 | 170 | 225 | -.685 | .207 | -.200 | -1.571 |
| 170 | 104 | -.255 | .069 | .003 | -.507 | 170 | 154 | -.149 | .093 | .081 | -.470 | 170 | 226 | -.660 | .205 | -.222 | -1.608 |
| 170 | 105 | -.289 | .081 | -.041 | -.725 | 170 | 155 | -.120 | .082 | .110 | -.424 | 170 | 227 | -.542 | .214 | -.003 | -1.603 |
| 170 | 106 | -.284 | .087 | .026 | -.724 | 170 | 156 | -.157 | .094 | .086 | -.536 | 170 | 228 | -.306 | .160 | .013 | -.938 |
| 170 | 107 | -.212 | .064 | -.022 | -.543 | 170 | 157 | -.335 | .086 | -.057 | -.687 | 170 | 229 | -.211 | .095 | .032 | -.589 |
| 170 | 108 | -.222 | .064 | .004 | -.576 | 170 | 158 | -.302 | .086 | -.080 | -.728 | 170 | 230 | -.199 | .094 | .037 | -.725 |
| 170 | 109 | -.224 | .064 | .021 | -.498 | 170 | 159 | -.321 | .084 | -.081 | -.621 | 170 | 231 | -.743 | .192 | -.310 | -1.570 |
| 170 | 110 | -.222 | .065 | .020 | -.490 | 170 | 160 | -.316 | .084 | -.053 | -.623 | 170 | 232 | -.715 | .214 | -.243 | -1.757 |
| 170 | 111 | -.260 | .074 | -.031 | -.581 | 170 | 161 | -.344 | .094 | -.088 | -.763 | 170 | 233 | -.595 | .173 | -.219 | -1.543 |
| 170 | 112 | -.297 | .090 | -.033 | -.705 | 170 | 162 | -.283 | .084 | -.067 | -.643 | 170 | 234 | -.477 | .157 | -.126 | -1.217 |
| 170 | 113 | -.246 | .086 | .023 | -.692 | 170 | 163 | -.279 | .092 | -.045 | -.750 | 170 | 235 | -.289 | .128 | .020 | -.752 |
| 170 | 114 | -.247 | .075 | .002 | -.599 | 170 | 164 | -.335 | .115 | -.097 | -1.045 | 170 | 236 | -.162 | .086 | .094 | -.551 |
| 170 | 115 | -.227 | .055 | -.086 | -.440 | 170 | 165 | -.240 | .073 | -.029 | -.545 | 170 | 237 | -.127 | .074 | .096 | -.478 |
| 170 | 116 | -.237 | .048 | -.083 | -.388 | 170 | 166 | -.277 | .082 | -.059 | -.656 | 170 | 238 | -.096 | .079 | .138 | -.439 |
| 170 | 117 | -.244 | .062 | -.060 | -.609 | 170 | 167 | -.207 | .073 | -.024 | -.574 | 170 | 239 | -.422 | .149 | -.109 | -1.253 |
| 170 | 118 | -.264 | .075 | -.054 | -.624 | 170 | 168 | -.261 | .083 | -.047 | -.619 | 170 | 240 | -.437 | .146 | -.096 | -1.247 |
| 170 | 119 | -.257 | .100 | .013 | -.956 | 170 | 169 | -.219 | .089 | .013 | -.562 | 170 | 241 | -.442 | .180 | -.074 | -1.287 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 170 | 242 | -.369 | .139 | -.014 | -.889 | 170 | 312 | .047 | .109 | .587 | -.341 | 170 | 363 | .415 | .127 | .863 | .080 |
| 170 | 243 | -.164 | .082 | .050 | -.481 | 170 | 313 | .131 | .076 | .374 | -.160 | 170 | 364 | .452 | .131 | .958 | .097 |
| 170 | 244 | -.102 | .067 | .104 | -.316 | 170 | 314 | .323 | .100 | .643 | -.018 | 170 | 365 | .314 | .106 | .674 | -.016 |
| 170 | 245 | -.052 | .058 | .163 | -.256 | 170 | 315 | .568 | .129 | 1.023 | .184 | 170 | 366 | .263 | .100 | .611 | -.030 |
| 170 | 246 | -.048 | .076 | .177 | -.363 | 170 | 316 | .597 | .129 | 1.055 | .237 | 170 | 367 | .188 | .098 | .537 | -.110 |
| 170 | 247 | -.119 | .079 | .070 | -.438 | 170 | 317 | .343 | .102 | .658 | .020 | 170 | 368 | .188 | .121 | .667 | -.166 |
| 170 | 248 | -.086 | .074 | .114 | -.419 | 170 | 318 | -.011 | .089 | .325 | -.381 | 170 | 369 | .170 | .103 | .596 | -.153 |
| 170 | 249 | -.049 | .070 | .197 | -.380 | 170 | 319 | .104 | .081 | .362 | -.235 | 170 | 370 | .282 | .114 | .613 | -.131 |
| 170 | 250 | -.003 | .171 | .463 | -.701 | 170 | 320 | .298 | .099 | .613 | -.078 | 170 | 371 | .264 | .095 | .643 | -.137 |
| 170 | 251 | -.005 | .169 | .485 | -.663 | 170 | 321 | .539 | .126 | .919 | .164 | 170 | 372 | .265 | .106 | .674 | -.191 |
| 170 | 252 | .044 | .152 | .611 | -.631 | 170 | 322 | .557 | .127 | .940 | .210 | 170 | 373 | .210 | .084 | .537 | -.113 |
| 170 | 253 | -.025 | .146 | .429 | -.552 | 170 | 323 | .289 | .111 | .661 | -.100 | 170 | 374 | .035 | .107 | .456 | -.449 |
| 170 | 254 | .142 | .104 | .451 | -.246 | 170 | 324 | -.002 | .103 | .323 | -.371 | 170 | 375 | .175 | .114 | .587 | -.308 |
| 170 | 255 | .015 | .103 | .404 | -.348 | 170 | 325 | .068 | .081 | .345 | -.360 | 170 | 376 | .321 | .138 | .817 | -.105 |
| 170 | 256 | -.037 | .106 | .401 | -.367 | 170 | 326 | .267 | .096 | .578 | .002 | 170 | 377 | .345 | .159 | .784 | -.143 |
| 170 | 257 | .009 | .113 | .427 | -.351 | 170 | 327 | .062 | .081 | .317 | -.334 | 170 | 378 | .331 | .158 | .850 | -.247 |
| 170 | 258 | .067 | .072 | .380 | -.217 | 170 | 328 | .266 | .101 | .608 | -.053 | 170 | 379 | .301 | .149 | .735 | -.270 |
| 170 | 259 | .073 | .064 | .294 | -.145 | 170 | 329 | .034 | .085 | .298 | -.393 | 170 | 380 | -.037 | .105 | .382 | -.641 |
| 170 | 260 | .103 | .063 | .357 | -.077 | 170 | 330 | .233 | .096 | .511 | -.275 | 170 | 381 | .140 | .109 | .534 | -.380 |
| 170 | 261 | .114 | .064 | .395 | -.116 | 170 | 331 | .531 | .126 | .913 | .132 | 170 | 382 | -.096 | .081 | .229 | -.397 |
| 170 | 262 | .133 | .130 | .502 | -.251 | 170 | 332 | .529 | .128 | .936 | .185 | 170 | 383 | .069 | .081 | .419 | -.220 |
| 170 | 263 | .144 | .126 | .531 | -.272 | 170 | 333 | .166 | .115 | .529 | -.224 | 170 | 384 | .258 | .099 | .727 | .031 |
| 170 | 264 | .166 | .115 | .596 | -.172 | 170 | 334 | -.054 | .117 | .340 | -.549 | 170 | 385 | .325 | .112 | .836 | .033 |
| 170 | 265 | .187 | .098 | .525 | -.151 | 170 | 336 | .122 | .130 | .520 | -.421 | 170 | 386 | .302 | .106 | .789 | .053 |
| 170 | 266 | .270 | .101 | .619 | -.117 | 170 | 337 | -.069 | .133 | .365 | -.626 | 170 | 387 | .294 | .100 | .788 | .002 |
| 170 | 267 | .262 | .102 | .622 | -.174 | 170 | 338 | .140 | .146 | .521 | -.365 | 170 | 388 | -.105 | .071 | .147 | -.402 |
| 170 | 268 | .270 | .104 | .691 | -.115 | 170 | 339 | .204 | .112 | .571 | -.409 | 170 | 389 | .028 | .062 | .328 | -.205 |
| 170 | 269 | -.262 | .144 | .065 | -.897 | 170 | 340 | -.068 | .139 | .433 | -.479 | 170 | 390 | .183 | .076 | .584 | -.074 |
| 170 | 270 | -.244 | .162 | .124 | -.944 | 170 | 341 | -.015 | .155 | .497 | -.445 | 170 | 391 | .358 | .104 | .759 | .115 |
| 170 | 271 | -.235 | .108 | -.005 | -.720 | 170 | 342 | -.004 | .136 | .418 | -.483 | 170 | 392 | .330 | .103 | .705 | .088 |
| 170 | 272 | -.150 | .072 | .060 | -.467 | 170 | 343 | .109 | .080 | .511 | -.107 | 170 | 393 | .306 | .100 | .689 | .040 |
| 170 | 273 | -.136 | .080 | .060 | -.509 | 170 | 344 | .101 | .107 | .545 | -.238 | 170 | 394 | -.016 | .063 | .256 | -.326 |
| 170 | 274 | -.129 | .083 | .060 | -.484 | 170 | 345 | .108 | .063 | .385 | -.102 | 170 | 395 | .134 | .065 | .382 | -.099 |
| 170 | 275 | -.135 | .112 | .120 | -.845 | 170 | 346 | .087 | .069 | .382 | -.191 | 170 | 396 | .163 | .083 | .485 | -.083 |
| 170 | 276 | -.140 | .118 | .140 | -.711 | 170 | 347 | .110 | .100 | .485 | -.346 | 170 | 397 | .152 | .073 | .519 | -.059 |
| 170 | 277 | .006 | .052 | .190 | -.183 | 170 | 348 | .216 | .113 | .579 | -.281 | 170 | 398 | .158 | .077 | .540 | -.118 |
| 170 | 278 | -.045 | .042 | .117 | -.199 | 170 | 349 | .426 | .140 | .910 | -.090 | 170 | 399 | .202 | .089 | .626 | -.089 |
| 170 | 279 | -.062 | .052 | .098 | -.240 | 170 | 350 | .486 | .134 | .846 | -.073 | 170 | 400 | .190 | .093 | .638 | -.083 |
| 170 | 280 | -.091 | .062 | .070 | -.312 | 170 | 351 | .418 | .141 | .911 | -.178 | 170 | 401 | .105 | .083 | .414 | -.219 |
| 170 | 301 | .103 | .073 | .341 | -.131 | 170 | 352 | .322 | .136 | .837 | -.345 | 170 | 402 | .026 | .096 | .510 | -.375 |
| 170 | 302 | .227 | .088 | .502 | -.109 | 170 | 353 | .018 | .083 | .374 | -.330 | 170 | 403 | .216 | .078 | .561 | -.035 |
| 170 | 303 | .303 | .097 | .605 | -.027 | 170 | 354 | .215 | .099 | .572 | -.100 | 170 | 404 | .239 | .085 | .638 | -.041 |
| 170 | 304 | .306 | .096 | .594 | -.053 | 170 | 355 | .004 | .077 | .426 | -.294 | 170 | 405 | .267 | .090 | .701 | .038 |
| 170 | 305 | .289 | .097 | .563 | -.048 | 170 | 356 | .178 | .091 | .618 | -.106 | 170 | 406 | .227 | .080 | .569 | .041 |
| 170 | 306 | .102 | .099 | .440 | -.273 | 170 | 357 | .409 | .119 | .818 | .103 | 170 | 407 | .100 | .060 | .367 | -.079 |
| 170 | 307 | .128 | .078 | .369 | -.160 | 170 | 358 | .451 | .124 | .846 | .115 | 170 | 408 | .015 | .063 | .265 | -.323 |
| 170 | 308 | .301 | .100 | .594 | .008 | 170 | 359 | .360 | .112 | .696 | .107 | 170 | 501 | -.355 | .134 | .080 | -.999 |
| 170 | 309 | .447 | .118 | .797 | .063 | 170 | 360 | .251 | .111 | .647 | -.077 | 170 | 502 | -.344 | .127 | .127 | -.920 |
| 170 | 310 | .443 | .122 | .803 | .030 | 170 | 361 | -.023 | .074 | .236 | -.392 | 170 | 503 | -.362 | .117 | -.016 | -1.085 |
| 170 | 311 | .338 | .107 | .802 | .037 | 170 | 362 | .163 | .092 | .520 | -.179 | 170 | 504 | -.364 | .086 | -.131 | -.899 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 170 | 505 | -.341 | .069 | -.167 | -.858 | 170 | 553 | -.725 | .169 | -.221 | -1.366 | 170 | 705 | -.180 | .121 | .163 | -.954 |
| 170 | 506 | -.315 | .075 | -.128 | -.991 | 170 | 556 | -.756 | .201 | -.229 | -1.783 | 170 | 706 | -.100 | .101 | .135 | -.590 |
| 170 | 507 | -.349 | .135 | .068 | -.992 | 170 | 557 | -.309 | .097 | -.071 | -.701 | 170 | 707 | -.354 | .138 | .021 | -1.100 |
| 170 | 508 | -.360 | .110 | .008 | -.929 | 170 | 558 | -.318 | .098 | -.079 | -.670 | 170 | 708 | -.371 | .156 | -.020 | -1.266 |
| 170 | 509 | -.350 | .111 | .085 | -1.150 | 170 | 559 | -.294 | .089 | -.049 | -.684 | 170 | 709 | -.338 | .105 | -.043 | -.850 |
| 170 | 510 | -.336 | .085 | -.097 | -.839 | 170 | 560 | -.531 | .134 | -.157 | -1.182 | 170 | 710 | -.304 | .097 | -.013 | -.828 |
| 170 | 511 | -.301 | .062 | -.119 | -.700 | 170 | 561 | -.593 | .130 | -.219 | -1.043 | 170 | 711 | -.197 | .128 | .111 | -.854 |
| 170 | 512 | -.335 | .084 | -.123 | -1.278 | 170 | 562 | -.597 | .128 | -.228 | -1.092 | 170 | 712 | -.360 | .097 | -.073 | -.797 |
| 170 | 513 | -.378 | .151 | .002 | -1.058 | 170 | 563 | -.297 | .080 | -.080 | -.641 | 170 | 713 | -.334 | .115 | -.026 | -.907 |
| 170 | 514 | -.362 | .135 | .047 | -.978 | 170 | 564 | -.295 | .078 | -.085 | -.646 | 170 | 714 | -.226 | .091 | -.011 | -.677 |
| 170 | 515 | -.322 | .102 | .008 | -.777 | 170 | 565 | -.280 | .080 | -.046 | -.594 | 170 | 715 | -.354 | .100 | -.076 | -.850 |
| 170 | 516 | -.307 | .094 | .055 | -.827 | 170 | 566 | -.277 | .100 | .131 | -.775 | 170 | 716 | -.290 | .101 | -.037 | -.811 |
| 170 | 517 | -.304 | .093 | -.104 | -1.119 | 170 | 567 | -.476 | .122 | -.119 | -.981 | 170 | 717 | -.315 | .072 | -.135 | -.906 |
| 170 | 518 | -.289 | .072 | -.095 | -.671 | 170 | 568 | -.473 | .112 | -.194 | -1.211 | 170 | 718 | -.311 | .106 | -.097 | -1.350 |
| 170 | 519 | -.386 | .146 | .012 | -1.110 | 170 | 569 | -.463 | .116 | -.138 | -1.208 | 170 | 719 | -.400 | .177 | -.116 | -1.752 |
| 170 | 520 | -.376 | .125 | .120 | -1.097 | 170 | 570 | -.282 | .078 | -.078 | -.687 | 170 | 720 | -.757 | .220 | -.304 | -2.099 |
| 170 | 521 | -.342 | .105 | .042 | -.963 | 170 | 571 | -.310 | .087 | -.091 | -.781 | 170 | 721 | -.481 | .140 | -.159 | -1.373 |
| 170 | 522 | -.337 | .112 | -.011 | -1.086 | 170 | 572 | -.307 | .089 | -.094 | -.796 | 170 | 722 | -.692 | .209 | -.199 | -1.965 |
| 170 | 523 | -.316 | .105 | -.076 | -1.121 | 170 | 573 | -.301 | .085 | -.109 | -.693 | 170 | 723 | -.512 | .156 | -.153 | -1.333 |
| 170 | 524 | -.318 | .106 | -.084 | -1.160 | 170 | 574 | -.293 | .096 | -.024 | -.687 | 170 | 724 | -.480 | .217 | -.026 | -1.746 |
| 170 | 525 | -.328 | .095 | -.104 | -1.061 | 170 | 575 | -.304 | .095 | -.070 | -.729 | 170 | 725 | -.756 | .286 | .030 | -1.717 |
| 170 | 526 | -.325 | .095 | -.102 | -1.086 | 170 | 576 | -.251 | .111 | .123 | -.657 | 170 | 726 | -.669 | .187 | -.140 | -1.609 |
| 170 | 527 | -.333 | .104 | -.093 | -1.224 | 170 | 577 | -.333 | .094 | -.092 | -.873 | 170 | 727 | -.619 | .170 | .027 | -1.262 |
| 170 | 528 | -.335 | .102 | -.101 | -1.212 | 170 | 578 | -.329 | .094 | -.086 | -.798 | 170 | 728 | -.345 | .112 | .038 | -.861 |
| 170 | 529 | -.349 | .113 | -.094 | -1.049 | 170 | 579 | -.443 | .118 | -.136 | -1.009 | 170 | 729 | -.283 | .109 | -.038 | -.754 |
| 170 | 530 | -.348 | .112 | -.085 | -1.081 | 170 | 580 | -.629 | .181 | -.221 | -1.466 | 170 | 730 | -.175 | .230 | .513 | -1.209 |
| 170 | 531 | -.317 | .087 | -.080 | -.846 | 170 | 581 | -.609 | .171 | -.174 | -1.548 | 170 | 731 | .007 | .096 | .374 | -.372 |
| 170 | 532 | -.345 | .108 | -.074 | -1.029 | 170 | 582 | -.642 | .190 | -.240 | -1.480 | 170 | 732 | .088 | .065 | .382 | -.110 |
| 170 | 533 | -.366 | .131 | -.068 | -1.520 | 170 | 583 | -.619 | .153 | -.240 | -1.200 | 170 | 733 | .143 | .148 | .582 | -.548 |
| 170 | 534 | -.376 | .158 | -.119 | -1.550 | 170 | 584 | -.641 | .182 | -.199 | -1.664 | 170 | 734 | .264 | .095 | .623 | -.065 |
| 170 | 535 | -.340 | .109 | -.082 | -1.292 | 170 | 585 | -.236 | .079 | -.042 | -.617 | 170 | 735 | .117 | .085 | .525 | -.118 |
| 170 | 536 | -.349 | .100 | -.054 | -.976 | 170 | 586 | -.198 | .078 | .029 | -.589 | 170 | 736 | -.170 | .119 | .135 | -.808 |
| 170 | 537 | -.326 | .085 | -.036 | -.813 | 170 | 587 | -.219 | .109 | .081 | -.710 | 170 | 901 | .358 | .134 | 1.079 | .100 |
| 170 | 538 | -.350 | .103 | -.044 | -.790 | 170 | 588 | -.422 | .162 | -.054 | -.989 | 170 | 902 | .352 | .130 | .943 | .079 |
| 170 | 539 | -.325 | .089 | -.075 | -.657 | 170 | 589 | -.480 | .127 | -.109 | -1.141 | 170 | 903 | .369 | .131 | .929 | .099 |
| 170 | 540 | -.294 | .097 | .011 | -.701 | 170 | 590 | -.461 | .124 | -.140 | -1.088 | 170 | 904 | .235 | .073 | .632 | .029 |
| 170 | 541 | -.289 | .094 | -.043 | -.713 | 170 | 591 | -.169 | .074 | .076 | -.548 | 170 | 905 | .154 | .064 | .468 | -.085 |
| 170 | 542 | -.302 | .092 | -.049 | -.725 | 170 | 592 | -.127 | .074 | .123 | -.478 | 170 | 906 | .143 | .056 | .409 | -.041 |
| 170 | 543 | -.266 | .088 | .004 | -.645 | 170 | 593 | -.142 | .121 | .169 | -.634 | 170 | 907 | .096 | .055 | .313 | -.080 |
| 170 | 544 | -.264 | .078 | -.044 | -.725 | 170 | 594 | -.327 | .173 | .033 | -1.007 | 170 | 908 | -.169 | .090 | .100 | -.502 |
| 170 | 545 | -.212 | .084 | .050 | -.575 | 170 | 595 | -.424 | .192 | -.016 | -1.403 | 170 | 909 | -.058 | .064 | .118 | -.362 |
| 170 | 546 | -.248 | .081 | -.023 | -.595 | 170 | 596 | -.430 | .188 | -.019 | -1.608 | 170 | 910 | -.010 | .058 | .179 | -.287 |
| 170 | 547 | -.127 | .116 | .209 | -.581 | 170 | 597 | .134 | .070 | .578 | -.059 | 170 | 911 | -.210 | .115 | .263 | -.762 |
| 170 | 548 | -.197 | .094 | .094 | -.559 | 170 | 598 | .121 | .066 | .550 | -.072 | 170 | 912 | -.238 | .119 | .165 | -.635 |
| 170 | 549 | -.343 | .098 | -.102 | -.777 | 170 | 599 | .169 | .076 | .547 | -.031 | 170 | 913 | -.474 | .154 | -.072 | -1.198 |
| 170 | 550 | -.351 | .097 | -.077 | -.722 | 170 | 600 | .124 | .081 | .507 | -.269 | 170 | 914 | .075 | .094 | .482 | -.313 |
| 170 | 551 | -.385 | .108 | -.121 | -.772 | 170 | 701 | -.137 | .086 | .077 | -.416 | 170 | 915 | .042 | .100 | .328 | -.427 |
| 170 | 552 | -.572 | .163 | -.126 | -1.376 | 170 | 702 | -.229 | .068 | -.037 | -.573 | 170 | 916 | .010 | .104 | .332 | -.458 |
| 170 | 553 | -.643 | .170 | -.185 | -1.492 | 170 | 703 | -.276 | .121 | .016 | -.966 | 170 | 917 | .409 | .119 | .845 | .089 |
| 170 | 554 | -.704 | .184 | -.225 | -1.502 | 170 | 704 | -.238 | .099 | -.005 | -.793 | 170 | 918 | .445 | .119 | .877 | .139 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 170 | 919 | .457 | .122 | .895 | .177 | 180 | 127 | -.267 | .065 | -.080 | -.608 | 180 | 177 | -.311 | .097 | -.030 | -.746 |
| 170 | 920 | -.342 | .107 | .014 | -.936 | 180 | 128 | -.264 | .074 | -.097 | -.617 | 180 | 178 | -.321 | .098 | -.090 | -.834 |
| 170 | 921 | -.322 | .102 | .016 | -.876 | 180 | 129 | -.277 | .087 | -.068 | -.820 | 180 | 201 | -.482 | .181 | -.192 | -2.063 |
| 170 | 922 | -.343 | .122 | -.056 | -1.400 | 180 | 130 | -.268 | .096 | -.048 | -.747 | 180 | 202 | -.455 | .136 | -.180 | -1.214 |
| 170 | 923 | .086 | .110 | .454 | -.429 | 180 | 131 | -.305 | .102 | -.061 | -1.929 | 180 | 203 | -.463 | .133 | -.028 | -1.001 |
| 170 | 924 | .041 | .120 | .382 | -.474 | 180 | 132 | -.330 | .103 | -.058 | -.989 | 180 | 204 | -.432 | .158 | .152 | -1.348 |
| 170 | 925 | .002 | .126 | .375 | -.643 | 180 | 133 | -.195 | .125 | .128 | -.988 | 180 | 205 | -.327 | .142 | .149 | -.941 |
| 170 | 926 | .441 | .133 | .862 | .064 | 180 | 134 | -.189 | .132 | .108 | -.911 | 180 | 206 | -.301 | .154 | .093 | -.986 |
| 170 | 927 | .451 | .121 | .823 | .141 | 180 | 135 | -.202 | .083 | .056 | -.654 | 180 | 207 | -.436 | .150 | -.107 | -1.543 |
| 170 | 928 | .493 | .126 | .872 | .174 | 180 | 136 | -.273 | .101 | -.033 | -.933 | 180 | 208 | -.455 | .151 | -.137 | -1.465 |
| 170 | 929 | -.387 | .082 | -.098 | -.705 | 180 | 137 | -.317 | .108 | -.087 | -.841 | 180 | 209 | -.456 | .131 | -.117 | -1.060 |
| 170 | 930 | -.385 | .074 | -.160 | -.749 | 180 | 138 | -.324 | .104 | -.047 | -.847 | 180 | 210 | -.374 | .142 | .095 | -1.029 |
| 170 | 931 | -.368 | .064 | -.147 | -.635 | 180 | 139 | -.270 | .087 | .046 | -.646 | 180 | 211 | -.338 | .147 | .094 | -1.013 |
| 170 | 932 | -.396 | .088 | -.083 | -.889 | 180 | 140 | -.287 | .093 | -.003 | -.734 | 180 | 212 | -.355 | .164 | .102 | -1.021 |
| 170 | 933 | -.364 | .069 | -.151 | -.650 | 180 | 141 | -.013 | .086 | .209 | -.497 | 180 | 213 | -.377 | .115 | -.102 | -.943 |
| 170 | 934 | -.358 | .096 | .050 | -.746 | 180 | 142 | -.028 | .077 | .154 | -.401 | 180 | 214 | -.350 | .115 | -.084 | -.858 |
| 170 | 935 | -.431 | .091 | -.170 | -.836 | 180 | 143 | -.101 | .096 | .145 | -.669 | 180 | 215 | -.427 | .135 | -.085 | -1.026 |
| 170 | 936 | -.436 | .102 | -.184 | -.877 | 180 | 144 | -.187 | .091 | .053 | -.736 | 180 | 216 | -.434 | .149 | .050 | -1.126 |
| 170 | 937 | -.328 | .094 | .044 | -.761 | 180 | 145 | -.247 | .107 | .023 | -.807 | 180 | 217 | -.408 | .172 | .183 | -1.216 |
| 170 | 938 | -.470 | .104 | -.186 | -1.061 | 180 | 146 | -.277 | .119 | .030 | -.839 | 180 | 218 | -.387 | .190 | .105 | -1.293 |
| 170 | 939 | -.442 | .092 | -.202 | -.884 | 180 | 147 | -.009 | .073 | .160 | -.412 | 180 | 219 | -.469 | .124 | -.102 | -1.232 |
| 170 | 940 | -.230 | .104 | .125 | -.630 | 180 | 148 | -.015 | .067 | .168 | -.361 | 180 | 220 | -.471 | .120 | -.155 | -1.012 |
| 170 | 941 | -.451 | .098 | -.115 | -.912 | 180 | 149 | -.063 | .088 | .187 | -.580 | 180 | 221 | -.497 | .131 | -.122 | -1.087 |
| 170 | 942 | -.430 | .097 | -.176 | -.900 | 180 | 150 | -.137 | .082 | .088 | -.566 | 180 | 222 | -.436 | .133 | -.033 | -1.148 |
| 180 | 101 | -.273 | .111 | .016 | -.781 | 180 | 151 | -.225 | .108 | .033 | -.659 | 180 | 223 | -.438 | .159 | .097 | -.936 |
| 180 | 102 | -.283 | .108 | .040 | -.768 | 180 | 152 | -.286 | .146 | .023 | -1.154 | 180 | 224 | -.470 | .180 | .075 | -1.158 |
| 180 | 103 | -.260 | .087 | .027 | -.646 | 180 | 153 | -.029 | .055 | .129 | -.307 | 180 | 225 | -.571 | .158 | -.241 | -1.443 |
| 180 | 104 | -.255 | .083 | -.011 | -1.038 | 180 | 154 | -.030 | .057 | .135 | -.329 | 180 | 226 | -.535 | .161 | -.176 | -1.566 |
| 180 | 105 | -.254 | .093 | .053 | -.654 | 180 | 155 | -.021 | .057 | .113 | -.388 | 180 | 227 | -.580 | .152 | -.100 | -1.344 |
| 180 | 106 | -.250 | .092 | .011 | -.671 | 180 | 156 | -.043 | .063 | .121 | -.513 | 180 | 228 | -.460 | .144 | -.007 | -1.128 |
| 180 | 107 | -.279 | .110 | -.003 | -.808 | 180 | 157 | -.318 | .102 | -.103 | -.811 | 180 | 229 | -.349 | .121 | -.002 | -.875 |
| 180 | 108 | -.268 | .101 | .011 | -.822 | 180 | 158 | -.295 | .101 | -.059 | -.963 | 180 | 230 | -.319 | .114 | -.019 | -.836 |
| 180 | 109 | -.251 | .084 | -.019 | -.671 | 180 | 159 | -.306 | .109 | -.047 | -.781 | 180 | 231 | -.677 | .180 | -.257 | -1.663 |
| 180 | 110 | -.225 | .078 | .047 | -.562 | 180 | 160 | -.304 | .092 | -.088 | -.679 | 180 | 232 | -.710 | .185 | -.185 | -1.901 |
| 180 | 111 | -.237 | .091 | .044 | -.715 | 180 | 161 | -.310 | .098 | -.082 | -.827 | 180 | 233 | -.481 | .138 | -.097 | -1.138 |
| 180 | 112 | -.252 | .093 | .042 | -.769 | 180 | 162 | -.309 | .086 | -.116 | -.645 | 180 | 234 | -.439 | .128 | -.120 | -.940 |
| 180 | 113 | -.317 | .115 | .009 | -.775 | 180 | 163 | -.310 | .100 | -.074 | -.869 | 180 | 235 | -.342 | .118 | .049 | -.777 |
| 180 | 114 | -.281 | .090 | .009 | -.680 | 180 | 164 | -.348 | .109 | -.115 | -1.066 | 180 | 236 | -.244 | .130 | .140 | -.791 |
| 180 | 115 | -.228 | .061 | -.017 | -.501 | 180 | 165 | -.275 | .083 | -.072 | -.559 | 180 | 237 | -.166 | .100 | .093 | -.651 |
| 180 | 116 | -.244 | .070 | -.049 | -.782 | 180 | 166 | -.321 | .095 | -.096 | -.668 | 180 | 238 | -.115 | .091 | .110 | -.483 |
| 180 | 117 | -.251 | .091 | -.006 | -.780 | 180 | 167 | -.220 | .076 | .082 | -.511 | 180 | 239 | -.418 | .143 | -.080 | -.986 |
| 180 | 118 | -.261 | .101 | .037 | -.658 | 180 | 168 | -.285 | .092 | -.032 | -.687 | 180 | 240 | -.432 | .142 | -.090 | -.961 |
| 180 | 119 | -.349 | .116 | -.024 | -.825 | 180 | 169 | -.241 | .093 | .034 | -.679 | 180 | 241 | -.486 | .193 | -.058 | -1.246 |
| 180 | 120 | -.317 | .096 | -.038 | -.797 | 180 | 170 | -.360 | .112 | -.106 | -.877 | 180 | 242 | -.398 | .148 | -.004 | -.889 |
| 180 | 121 | -.250 | .062 | -.017 | -.485 | 180 | 171 | -.409 | .117 | -.150 | -.837 | 180 | 243 | -.131 | .080 | .054 | -.516 |
| 180 | 122 | -.257 | .062 | -.091 | -.549 | 180 | 172 | -.416 | .115 | -.160 | -.851 | 180 | 244 | -.013 | .048 | .140 | -.230 |
| 180 | 123 | -.264 | .086 | -.029 | -.613 | 180 | 173 | -.336 | .089 | -.118 | -.713 | 180 | 245 | .009 | .044 | .149 | -.197 |
| 180 | 124 | -.295 | .108 | -.035 | -.741 | 180 | 174 | -.340 | .095 | -.141 | -.826 | 180 | 246 | .029 | .053 | .197 | -.258 |
| 180 | 125 | -.360 | .113 | -.053 | -1.092 | 180 | 175 | -.290 | .090 | -.069 | -.630 | 180 | 247 | -.022 | .052 | .124 | -.267 |
| 180 | 126 | -.329 | .103 | -.079 | -.943 | 180 | 176 | -.335 | .097 | -.105 | -.742 | 180 | 248 | -.010 | .052 | .177 | -.223 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 249 | .017 | .051 | .185 | -.222 | 180 | 319 | .065 | .102 | .373 | -.321 | 180 | 370 | .165 | .116 | .568 | -.229 |
| 180 | 250 | -.214 | .191 | .250 | -1.114 | 180 | 320 | .298 | .104 | .609 | -.064 | 180 | 371 | .216 | .098 | .622 | -.273 |
| 180 | 251 | -.186 | .157 | .291 | -.978 | 180 | 321 | .528 | .118 | .923 | .218 | 180 | 372 | .164 | .105 | .532 | -.191 |
| 180 | 252 | -.128 | .139 | .303 | -.802 | 180 | 322 | .499 | .112 | .817 | .209 | 180 | 373 | .147 | .087 | .519 | -.116 |
| 180 | 253 | -.238 | .155 | .251 | -.914 | 180 | 323 | .259 | .097 | .615 | -.058 | 180 | 374 | .116 | .116 | .590 | -.300 |
| 180 | 254 | -.017 | .115 | .301 | -.420 | 180 | 324 | -.011 | .084 | .296 | -.370 | 180 | 375 | .221 | .122 | .753 | -.194 |
| 180 | 255 | -.131 | .093 | .149 | -.690 | 180 | 325 | .062 | .112 | .407 | -.331 | 180 | 376 | .311 | .148 | .891 | -.346 |
| 180 | 256 | -.185 | .112 | .184 | -.564 | 180 | 326 | .331 | .114 | .747 | .010 | 180 | 377 | .304 | .165 | 1.018 | -.309 |
| 180 | 257 | -.153 | .103 | .200 | -.579 | 180 | 327 | .015 | .104 | .366 | -.351 | 180 | 378 | .251 | .146 | .676 | -.295 |
| 180 | 258 | -.027 | .069 | .200 | -.368 | 180 | 328 | .277 | .106 | .716 | -.021 | 180 | 379 | .210 | .143 | .587 | -.375 |
| 180 | 259 | .009 | .064 | .237 | -.269 | 180 | 329 | -.036 | .118 | .321 | -.489 | 180 | 380 | .069 | .107 | .590 | -.275 |
| 180 | 260 | .046 | .059 | .315 | -.202 | 180 | 330 | .229 | .100 | .609 | -.136 | 180 | 381 | .213 | .107 | .655 | -.110 |
| 180 | 261 | .060 | .061 | .364 | -.218 | 180 | 331 | .510 | .140 | .966 | .093 | 180 | 382 | .004 | .086 | .480 | -.304 |
| 180 | 262 | .007 | .118 | .389 | -.399 | 180 | 332 | .468 | .130 | .903 | .088 | 180 | 383 | .130 | .093 | .462 | -.128 |
| 180 | 263 | .019 | .114 | .432 | -.383 | 180 | 333 | .071 | .109 | .454 | -.324 | 180 | 384 | .271 | .103 | .654 | .031 |
| 180 | 264 | .031 | .117 | .487 | -.288 | 180 | 334 | -.118 | .112 | .293 | -.580 | 180 | 385 | .312 | .107 | .665 | .085 |
| 180 | 265 | .079 | .099 | .402 | -.243 | 180 | 336 | -.025 | .130 | .480 | -.534 | 180 | 386 | .258 | .095 | .695 | .041 |
| 180 | 266 | .180 | .100 | .540 | -.168 | 180 | 337 | -.168 | .129 | .198 | -.883 | 180 | 387 | .214 | .092 | .634 | -.030 |
| 180 | 267 | .177 | .104 | .545 | -.210 | 180 | 338 | -.013 | .180 | .459 | -.622 | 180 | 388 | -.028 | .066 | .287 | -.319 |
| 180 | 268 | .186 | .104 | .598 | -.172 | 180 | 339 | .178 | .141 | .683 | -.431 | 180 | 389 | .077 | .064 | .434 | -.097 |
| 180 | 269 | -.333 | .151 | -.043 | -1.058 | 180 | 340 | -.215 | .145 | .227 | -.709 | 180 | 390 | .203 | .082 | .605 | -.020 |
| 180 | 270 | -.326 | .164 | .010 | -.999 | 180 | 341 | -.188 | .156 | .354 | -.703 | 180 | 391 | .363 | .123 | .806 | .076 |
| 180 | 271 | -.206 | .086 | -.027 | -.630 | 180 | 342 | -.160 | .150 | .298 | -.632 | 180 | 392 | .304 | .104 | .667 | .053 |
| 180 | 272 | -.114 | .054 | .028 | -.321 | 180 | 343 | .055 | .082 | .507 | -.204 | 180 | 393 | .265 | .096 | .674 | -.011 |
| 180 | 273 | -.062 | .054 | .081 | -.276 | 180 | 344 | .078 | .105 | .437 | -.350 | 180 | 394 | .034 | .061 | .285 | -.238 |
| 180 | 274 | -.040 | .053 | .098 | -.276 | 180 | 345 | .061 | .064 | .401 | -.171 | 180 | 395 | .156 | .071 | .472 | -.074 |
| 180 | 275 | -.185 | .122 | .128 | -1.012 | 180 | 346 | .062 | .067 | .293 | -.272 | 180 | 396 | .203 | .098 | .659 | -.001 |
| 180 | 276 | -.232 | .139 | .065 | -.936 | 180 | 347 | .169 | .110 | .581 | -.175 | 180 | 397 | .174 | .080 | .545 | -.127 |
| 180 | 277 | -.010 | .056 | .222 | -.216 | 180 | 348 | .279 | .114 | .645 | -.053 | 180 | 398 | .165 | .089 | .534 | -.118 |
| 180 | 278 | -.039 | .043 | .133 | -.196 | 180 | 349 | .455 | .143 | .960 | -.039 | 180 | 399 | .181 | .085 | .536 | -.086 |
| 180 | 279 | -.019 | .047 | .106 | -.225 | 180 | 350 | .456 | .144 | .913 | -.038 | 180 | 400 | .167 | .087 | .494 | -.144 |
| 180 | 280 | -.020 | .045 | .126 | -.207 | 180 | 351 | .324 | .139 | .769 | -.286 | 180 | 401 | .076 | .077 | .462 | -.202 |
| 180 | 301 | .121 | .092 | .482 | -.204 | 180 | 352 | .186 | .128 | .575 | -.565 | 180 | 402 | -.018 | .096 | .390 | -.394 |
| 180 | 302 | .255 | .099 | .607 | -.083 | 180 | 353 | .078 | .101 | .568 | -.335 | 180 | 403 | .221 | .090 | .556 | -.182 |
| 180 | 303 | .303 | .098 | .614 | -.023 | 180 | 354 | .260 | .116 | .738 | -.186 | 180 | 404 | .237 | .094 | .622 | -.019 |
| 180 | 304 | .283 | .099 | .565 | -.015 | 180 | 355 | .063 | .090 | .490 | -.282 | 180 | 405 | .249 | .092 | .738 | -.038 |
| 180 | 305 | .224 | .099 | .521 | -.109 | 180 | 356 | .224 | .105 | .686 | -.079 | 180 | 406 | .203 | .080 | .627 | -.003 |
| 180 | 306 | .060 | .089 | .339 | -.291 | 180 | 357 | .429 | .127 | .868 | .076 | 180 | 407 | .067 | .057 | .297 | -.109 |
| 180 | 307 | .115 | .109 | .430 | -.279 | 180 | 358 | .428 | .123 | .829 | .073 | 180 | 408 | -.019 | .065 | .203 | -.309 |
| 180 | 308 | .345 | .109 | .678 | .001 | 180 | 359 | .275 | .101 | .679 | -.078 | 180 | 501 | -.265 | .100 | .068 | -.812 |
| 180 | 309 | .471 | .118 | .787 | .016 | 180 | 360 | .133 | .101 | .507 | -.199 | 180 | 502 | -.270 | .108 | .142 | -.729 |
| 180 | 310 | .446 | .115 | .779 | -.018 | 180 | 361 | .012 | .076 | .356 | -.367 | 180 | 503 | -.399 | .124 | .144 | -1.145 |
| 180 | 311 | .301 | .099 | .625 | -.078 | 180 | 362 | .206 | .091 | .583 | -.058 | 180 | 504 | -.529 | .122 | -.165 | -1.078 |
| 180 | 312 | .057 | .084 | .283 | -.311 | 180 | 363 | .426 | .126 | .837 | .067 | 180 | 505 | -.658 | .196 | -.224 | -1.231 |
| 180 | 313 | .114 | .095 | .444 | -.220 | 180 | 364 | .422 | .125 | .830 | .099 | 180 | 506 | -.797 | .348 | -.190 | -2.280 |
| 180 | 314 | .360 | .109 | .728 | .015 | 180 | 365 | .221 | .101 | .561 | -.060 | 180 | 507 | -.251 | .102 | .097 | -.843 |
| 180 | 315 | .600 | .126 | .956 | .228 | 180 | 366 | .154 | .094 | .509 | -.123 | 180 | 508 | -.260 | .099 | .074 | -.764 |
| 180 | 316 | .576 | .119 | .881 | .200 | 180 | 367 | .078 | .091 | .427 | -.216 | 180 | 509 | -.382 | .126 | .018 | -.876 |
| 180 | 317 | .327 | .095 | .608 | .028 | 180 | 368 | .053 | .115 | .441 | -.380 | 180 | 510 | -.501 | .117 | -.056 | -.891 |
| 180 | 318 | .029 | .086 | .293 | -.327 | 180 | 369 | .061 | .093 | .387 | -.267 | 180 | 511 | -.750 | .287 | -.240 | -1.968 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 512 | -.732 | .258 | -.207 | -1.807 | 180 | 562 | -.645 | .172 | -.204 | -1.313 | 180 | 712 | -.325 | .115 | -.070 | -1.199 |
| 180 | 513 | -.329 | .151 | .058 | -1.117 | 180 | 563 | -.300 | .079 | -.062 | -.620 | 180 | 713 | -.330 | .115 | -.096 | -1.145 |
| 180 | 514 | -.308 | .137 | .125 | -.984 | 180 | 564 | -.315 | .081 | -.079 | -.635 | 180 | 714 | -.243 | .103 | .009 | -.730 |
| 180 | 515 | -.429 | .176 | .110 | -1.145 | 180 | 565 | -.304 | .081 | -.083 | -.589 | 180 | 715 | -.419 | .126 | -.087 | -1.086 |
| 180 | 516 | -.571 | .196 | -.004 | -1.250 | 180 | 566 | -.240 | .099 | -.009 | -.581 | 180 | 716 | -.337 | .100 | -.102 | -.819 |
| 180 | 517 | -.600 | .213 | -.152 | -1.828 | 180 | 567 | -.425 | .168 | .003 | -.998 | 180 | 717 | -.724 | .312 | -.163 | -1.960 |
| 180 | 518 | -.585 | .193 | -.145 | -1.565 | 180 | 568 | -.518 | .168 | -.112 | -1.197 | 180 | 718 | -.625 | .229 | -.136 | -1.968 |
| 180 | 519 | -.321 | .159 | .056 | -1.034 | 180 | 569 | -.522 | .176 | -.079 | -1.332 | 180 | 719 | -.794 | .313 | -.100 | -2.067 |
| 180 | 520 | -.308 | .146 | .096 | -1.002 | 180 | 570 | -.321 | .096 | .073 | -.726 | 180 | 720 | -.824 | .281 | -.119 | -1.933 |
| 180 | 521 | -.417 | .175 | .051 | -1.094 | 180 | 571 | -.386 | .120 | -.086 | -.845 | 180 | 721 | -.538 | .180 | -.105 | -1.624 |
| 180 | 522 | -.564 | .205 | -.044 | -1.346 | 180 | 572 | -.357 | .097 | -.086 | -.769 | 180 | 722 | -.596 | .248 | .133 | -1.779 |
| 180 | 523 | -.600 | .224 | -.106 | -1.671 | 180 | 573 | -.350 | .092 | -.112 | -.701 | 180 | 723 | -.413 | .156 | .069 | -1.176 |
| 180 | 524 | -.610 | .229 | -.096 | -1.665 | 180 | 574 | -.345 | .101 | -.099 | -.773 | 180 | 724 | -.312 | .183 | .087 | -1.426 |
| 180 | 525 | -.587 | .226 | -.142 | -1.755 | 180 | 575 | -.359 | .099 | -.100 | -.758 | 180 | 725 | -.482 | .160 | -.184 | -1.607 |
| 180 | 526 | -.590 | .236 | -.136 | -1.722 | 180 | 576 | -.308 | .119 | .074 | -.863 | 180 | 726 | -.416 | .123 | -.141 | -1.286 |
| 180 | 527 | -.581 | .230 | -.141 | -1.542 | 180 | 577 | -.321 | .092 | -.096 | -.654 | 180 | 727 | -.579 | .145 | -.126 | -1.372 |
| 180 | 528 | -.582 | .231 | -.145 | -1.602 | 180 | 578 | -.283 | .092 | -.080 | -.630 | 180 | 728 | -.352 | .099 | -.080 | -.759 |
| 180 | 529 | -.293 | .111 | -.058 | -.823 | 180 | 579 | -.327 | .141 | -.028 | -.902 | 180 | 729 | -.325 | .113 | -.058 | -.711 |
| 180 | 530 | -.301 | .107 | -.058 | -.727 | 180 | 580 | -.462 | .221 | .011 | -1.416 | 180 | 730 | -.473 | .262 | .260 | -1.547 |
| 180 | 531 | -.269 | .104 | -.033 | -.720 | 180 | 581 | -.383 | .173 | .081 | -1.261 | 180 | 731 | -.113 | .088 | .236 | -.399 |
| 180 | 532 | -.331 | .143 | .038 | -.891 | 180 | 582 | -.556 | .215 | -.007 | -1.615 | 180 | 732 | .032 | .057 | .225 | -.144 |
| 180 | 533 | -.525 | .216 | -.030 | -1.461 | 180 | 583 | -.454 | .176 | .071 | -1.303 | 180 | 733 | -.042 | .176 | .470 | -.605 |
| 180 | 534 | -.729 | .270 | -.083 | -1.768 | 180 | 584 | -.572 | .220 | -.006 | -1.699 | 180 | 734 | .151 | .094 | .554 | -.159 |
| 180 | 535 | -.638 | .273 | -.067 | -2.021 | 180 | 585 | -.212 | .067 | -.051 | -.486 | 180 | 735 | .141 | .078 | .449 | -.096 |
| 180 | 536 | -.311 | .112 | -.070 | -.904 | 180 | 586 | -.160 | .057 | .031 | -.404 | 180 | 736 | -.258 | .139 | .037 | -1.023 |
| 180 | 537 | -.314 | .106 | -.059 | -.942 | 180 | 587 | -.108 | .063 | .076 | -.516 | 180 | 901 | .364 | .116 | .822 | .097 |
| 180 | 538 | -.350 | .108 | -.046 | -.796 | 180 | 588 | -.214 | .148 | .060 | -.872 | 180 | 902 | .355 | .113 | .800 | .088 |
| 180 | 539 | -.317 | .094 | -.105 | -.722 | 180 | 589 | -.351 | .135 | .055 | -.850 | 180 | 903 | .350 | .110 | .800 | .086 |
| 180 | 540 | -.315 | .100 | .053 | -.795 | 180 | 590 | -.353 | .124 | -.002 | -.870 | 180 | 904 | .197 | .072 | .575 | -.012 |
| 180 | 541 | -.312 | .097 | .031 | -.745 | 180 | 591 | -.186 | .068 | .078 | -.434 | 180 | 905 | .108 | .060 | .342 | -.113 |
| 180 | 542 | -.317 | .097 | -.060 | -.737 | 180 | 592 | -.131 | .059 | .114 | -.345 | 180 | 906 | .116 | .061 | .400 | -.129 |
| 180 | 543 | -.279 | .086 | .060 | -.585 | 180 | 593 | -.049 | .062 | .190 | -.443 | 180 | 907 | .067 | .052 | .288 | -.120 |
| 180 | 544 | -.299 | .084 | -.056 | -.632 | 180 | 594 | -.131 | .146 | .148 | -.834 | 180 | 908 | -.178 | .078 | .037 | -.472 |
| 180 | 545 | -.209 | .095 | .167 | -.538 | 180 | 595 | -.274 | .172 | .120 | -1.099 | 180 | 909 | -.013 | .056 | .188 | -.244 |
| 180 | 546 | -.274 | .082 | -.042 | -.596 | 180 | 596 | -.291 | .177 | .088 | -1.005 | 180 | 910 | .018 | .052 | .204 | -.170 |
| 180 | 547 | -.081 | .117 | .237 | -.505 | 180 | 597 | .174 | .080 | .542 | -.153 | 180 | 911 | -.200 | .091 | .107 | -.518 |
| 180 | 548 | -.204 | .106 | .053 | -.748 | 180 | 598 | .152 | .076 | .500 | -.153 | 180 | 912 | -.223 | .114 | .082 | -.773 |
| 180 | 549 | -.299 | .101 | -.075 | -.679 | 180 | 599 | .210 | .086 | .573 | .025 | 180 | 913 | -.419 | .183 | -.004 | -1.228 |
| 180 | 550 | -.315 | .113 | -.086 | -.763 | 180 | 600 | .159 | .078 | .478 | -.083 | 180 | 914 | .094 | .092 | .485 | -.408 |
| 180 | 551 | -.424 | .156 | -.107 | -1.112 | 180 | 701 | -.034 | .057 | .099 | -.327 | 180 | 915 | .056 | .102 | .331 | -.420 |
| 180 | 552 | -.709 | .270 | -.034 | -1.599 | 180 | 702 | -.332 | .146 | .004 | -.970 | 180 | 916 | .027 | .111 | .346 | -.424 |
| 180 | 553 | -.598 | .195 | -.040 | -1.326 | 180 | 703 | -.441 | .199 | .019 | -1.494 | 180 | 917 | .420 | .119 | .808 | .114 |
| 180 | 554 | -.863 | .275 | -.220 | -1.895 | 180 | 704 | -.379 | .128 | -.045 | -1.111 | 180 | 918 | .413 | .117 | .882 | .097 |
| 180 | 555 | -.757 | .224 | -.222 | -1.555 | 180 | 705 | -.208 | .125 | .152 | -.926 | 180 | 919 | .424 | .121 | .927 | .102 |
| 180 | 556 | -.818 | .261 | -.231 | -1.875 | 180 | 706 | -.007 | .063 | .163 | -.367 | 180 | 920 | -.291 | .146 | .049 | -1.032 |
| 180 | 557 | -.241 | .078 | -.061 | -.536 | 180 | 707 | -.289 | .110 | .063 | -1.061 | 180 | 921 | -.274 | .152 | .100 | -1.062 |
| 180 | 558 | -.228 | .073 | -.044 | -.523 | 180 | 708 | -.346 | .171 | .023 | -1.251 | 180 | 922 | -.502 | .198 | -.044 | -1.348 |
| 180 | 559 | -.217 | .077 | .025 | -.675 | 180 | 709 | -.292 | .121 | .014 | -.869 | 180 | 923 | .009 | .130 | .386 | -.518 |
| 180 | 560 | -.456 | .188 | -.023 | -1.214 | 180 | 710 | -.352 | .104 | -.070 | -.851 | 180 | 924 | -.055 | .139 | .299 | -.562 |
| 180 | 561 | -.631 | .170 | -.073 | -1.213 | 180 | 711 | -.258 | .135 | .044 | -1.119 | 180 | 925 | -.100 | .161 | .288 | -.769 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 926 | .444 | .135 | .927 | .016 | 190 | 134 | -.251 | .127 | .077 | -.987 | 190 | 206 | -.329 | .125 | .059 | -.910 |
| 180 | 927 | .423 | .114 | .770 | .071 | 190 | 135 | -.299 | .091 | .096 | -.658 | 190 | 207 | -.314 | .061 | -.150 | -1.086 |
| 180 | 928 | .464 | .113 | .816 | .100 | 190 | 136 | -.327 | .097 | -.043 | -.784 | 190 | 208 | -.331 | .060 | -.173 | -.982 |
| 180 | 929 | -.394 | .099 | .062 | -.807 | 190 | 137 | -.433 | .126 | -.156 | -1.116 | 190 | 209 | -.333 | .075 | -.112 | -.971 |
| 180 | 930 | -.460 | .097 | -.158 | -.879 | 190 | 138 | -.448 | .126 | -.130 | -1.177 | 190 | 210 | -.314 | .091 | -.028 | -.869 |
| 180 | 931 | -.435 | .077 | -.196 | -.737 | 190 | 139 | -.370 | .107 | -.059 | -.950 | 190 | 211 | -.359 | .106 | .020 | -.994 |
| 180 | 932 | -.403 | .095 | .070 | -.840 | 190 | 140 | -.425 | .133 | -.092 | -1.049 | 190 | 212 | -.389 | .128 | .003 | -1.085 |
| 180 | 933 | -.418 | .077 | -.233 | -.701 | 190 | 141 | -.037 | .065 | .143 | -.366 | 190 | 213 | -.303 | .055 | -.137 | -.501 |
| 180 | 934 | -.380 | .108 | .109 | -.800 | 190 | 142 | -.041 | .061 | .140 | -.310 | 190 | 214 | -.259 | .051 | -.043 | -.563 |
| 180 | 935 | -.492 | .101 | -.172 | -1.073 | 190 | 143 | -.123 | .081 | .110 | -.576 | 190 | 215 | -.316 | .059 | -.123 | -.597 |
| 180 | 936 | -.448 | .088 | -.232 | -.918 | 190 | 144 | -.228 | .077 | .033 | -.552 | 190 | 216 | -.346 | .069 | -.138 | -.791 |
| 180 | 937 | -.369 | .113 | .088 | -.845 | 190 | 145 | -.350 | .121 | -.020 | -.860 | 190 | 217 | -.366 | .092 | -.134 | -.839 |
| 180 | 938 | -.488 | .111 | -.165 | -.981 | 190 | 146 | -.385 | .144 | -.023 | -1.008 | 190 | 218 | -.356 | .113 | -.074 | -.919 |
| 180 | 939 | -.457 | .091 | -.189 | -.818 | 190 | 147 | -.027 | .065 | .179 | -.765 | 190 | 219 | -.374 | .082 | -.128 | -.652 |
| 180 | 940 | -.326 | .139 | .161 | -.957 | 190 | 148 | -.027 | .058 | .166 | -.561 | 190 | 220 | -.387 | .084 | -.139 | -.737 |
| 180 | 941 | -.504 | .119 | -.145 | -.945 | 190 | 149 | -.076 | .069 | .117 | -.525 | 190 | 221 | -.397 | .087 | -.127 | -.795 |
| 180 | 942 | -.470 | .107 | -.194 | -.927 | 190 | 150 | -.174 | .069 | .021 | -.550 | 190 | 222 | -.372 | .094 | -.135 | -.859 |
| 190 | 101 | -.310 | .088 | -.047 | -.690 | 190 | 151 | -.335 | .116 | -.028 | -.729 | 190 | 223 | -.425 | .107 | -.155 | -.864 |
| 190 | 102 | -.298 | .082 | -.040 | -.646 | 190 | 152 | -.409 | .163 | -.040 | -1.081 | 190 | 224 | -.455 | .122 | -.163 | -.977 |
| 190 | 103 | -.270 | .065 | -.045 | -.603 | 190 | 153 | -.035 | .041 | .107 | -.245 | 190 | 225 | -.489 | .113 | -.200 | -.979 |
| 190 | 104 | -.237 | .059 | -.055 | -.567 | 190 | 154 | -.034 | .042 | .121 | -.254 | 190 | 226 | -.464 | .120 | -.159 | -1.087 |
| 190 | 105 | -.244 | .056 | -.041 | -.481 | 190 | 155 | -.029 | .041 | .109 | -.182 | 190 | 227 | -.550 | .138 | -.200 | -1.548 |
| 190 | 106 | -.238 | .058 | -.030 | -.476 | 190 | 156 | -.045 | .043 | .092 | -.230 | 190 | 228 | -.500 | .123 | -.083 | -1.025 |
| 190 | 107 | -.285 | .080 | -.045 | -.627 | 190 | 157 | -.419 | .136 | -.111 | -1.063 | 190 | 229 | -.415 | .111 | -.100 | -.981 |
| 190 | 108 | -.273 | .072 | -.041 | -.543 | 190 | 158 | -.400 | .150 | -.132 | -1.249 | 190 | 230 | -.400 | .111 | -.026 | -.825 |
| 190 | 109 | -.258 | .059 | -.049 | -.449 | 190 | 159 | -.440 | .152 | -.110 | -1.340 | 190 | 231 | -.650 | .178 | -.140 | -1.336 |
| 190 | 110 | -.212 | .054 | -.055 | -.476 | 190 | 160 | -.397 | .099 | -.154 | -.810 | 190 | 232 | -.646 | .173 | -.137 | -1.453 |
| 190 | 111 | -.223 | .054 | -.065 | -.415 | 190 | 161 | -.387 | .101 | -.120 | -.805 | 190 | 233 | -.444 | .120 | -.122 | -.947 |
| 190 | 112 | -.235 | .054 | -.078 | -.435 | 190 | 162 | -.424 | .105 | -.154 | -.846 | 190 | 234 | -.374 | .110 | -.091 | -.835 |
| 190 | 113 | -.310 | .069 | -.108 | -.566 | 190 | 163 | -.394 | .115 | -.159 | -.857 | 190 | 235 | -.381 | .119 | -.023 | -1.109 |
| 190 | 114 | -.285 | .055 | -.115 | -.500 | 190 | 164 | -.441 | .129 | -.167 | -1.011 | 190 | 236 | -.320 | .120 | .196 | -.784 |
| 190 | 115 | -.267 | .049 | -.081 | -.429 | 190 | 165 | -.351 | .100 | -.081 | -.767 | 190 | 237 | -.167 | .078 | .122 | -.470 |
| 190 | 116 | -.262 | .050 | -.079 | -.449 | 190 | 166 | -.439 | .123 | -.108 | -.953 | 190 | 238 | -.127 | .074 | .100 | -.481 |
| 190 | 117 | -.248 | .053 | -.009 | -.545 | 190 | 167 | -.314 | .089 | -.032 | -.624 | 190 | 239 | -.460 | .157 | -.113 | -1.239 |
| 190 | 118 | -.230 | .049 | -.051 | -.487 | 190 | 168 | -.397 | .116 | -.074 | -.897 | 190 | 240 | -.477 | .155 | -.131 | -1.238 |
| 190 | 119 | -.370 | .084 | -.091 | -.759 | 190 | 169 | -.345 | .114 | -.040 | -.861 | 190 | 241 | -.488 | .182 | -.085 | -1.133 |
| 190 | 120 | -.344 | .072 | -.080 | -.703 | 190 | 170 | -.463 | .108 | -.183 | -.902 | 190 | 242 | -.427 | .146 | -.060 | -.956 |
| 190 | 121 | -.302 | .061 | -.096 | -.536 | 190 | 171 | -.525 | .117 | -.208 | -.969 | 190 | 243 | -.190 | .090 | .034 | -.600 |
| 190 | 122 | -.285 | .059 | -.121 | -.483 | 190 | 172 | -.534 | .117 | -.241 | -.977 | 190 | 244 | -.021 | .043 | .111 | -.269 |
| 190 | 123 | -.262 | .060 | -.067 | -.525 | 190 | 173 | -.447 | .118 | -.194 | -1.017 | 190 | 245 | .000 | .043 | .149 | -.178 |
| 190 | 124 | -.266 | .063 | -.073 | -.607 | 190 | 174 | -.459 | .107 | -.196 | -.932 | 190 | 246 | .020 | .041 | .175 | -.210 |
| 190 | 125 | -.409 | .094 | -.096 | -.950 | 190 | 175 | -.416 | .098 | -.176 | -.823 | 190 | 247 | -.021 | .037 | .099 | -.225 |
| 190 | 126 | -.375 | .084 | -.081 | -.808 | 190 | 176 | -.462 | .104 | -.200 | -.927 | 190 | 248 | -.000 | .042 | .175 | -.236 |
| 190 | 127 | -.337 | .074 | -.144 | -.645 | 190 | 177 | -.441 | .104 | -.136 | -.859 | 190 | 249 | .012 | .044 | .157 | -.193 |
| 190 | 128 | -.350 | .084 | -.157 | -.777 | 190 | 178 | -.453 | .107 | -.183 | -.915 | 190 | 250 | -.441 | .209 | .136 | -1.266 |
| 190 | 129 | -.312 | .085 | -.065 | -.782 | 190 | 201 | -.347 | .059 | -.166 | -.567 | 190 | 251 | -.385 | .163 | .178 | -1.024 |
| 190 | 130 | -.295 | .086 | -.050 | -.699 | 190 | 202 | -.336 | .058 | -.154 | -.606 | 190 | 252 | -.318 | .145 | .261 | -.834 |
| 190 | 131 | -.410 | .107 | -.164 | -1.036 | 190 | 203 | -.349 | .074 | -.115 | -.802 | 190 | 253 | -.453 | .164 | .152 | -1.147 |
| 190 | 132 | -.418 | .111 | -.162 | -.887 | 190 | 204 | -.371 | .105 | -.063 | -.884 | 190 | 254 | -.214 | .137 | .168 | -.629 |
| 190 | 133 | -.234 | .117 | .059 | -.781 | 190 | 205 | -.339 | .107 | .096 | -.830 | 190 | 255 | -.298 | .108 | .039 | -.724 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| UD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | UD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | UD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 190 | 256 | -.351 | .124 | .067 | -.791 | 190 | 326 | .386 | .120 | .794 | .063 | 190 | 377 | .300 | .152 | .742 | -.222 |
| 190 | 257 | -.324 | .116 | .063 | -.708 | 190 | 327 | .129 | .119 | .613 | -.263 | 190 | 378 | .162 | .135 | .571 | -.323 |
| 190 | 258 | -.166 | .108 | .103 | -.692 | 190 | 328 | .377 | .126 | .789 | .032 | 190 | 379 | .066 | .136 | .492 | -.555 |
| 190 | 259 | -.085 | .074 | .187 | -.400 | 190 | 329 | .068 | .116 | .463 | -.390 | 190 | 380 | .219 | .121 | .667 | -.182 |
| 190 | 260 | -.063 | .064 | .165 | -.328 | 190 | 330 | .318 | .113 | .716 | -.103 | 190 | 381 | .304 | .112 | .690 | -.050 |
| 190 | 261 | -.048 | .066 | .250 | -.301 | 190 | 331 | .512 | .125 | .878 | .152 | 190 | 382 | .152 | .113 | .582 | -.205 |
| 190 | 262 | -.202 | .125 | .216 | -.649 | 190 | 332 | .407 | .108 | .714 | .065 | 190 | 383 | .243 | .113 | .713 | -.054 |
| 190 | 263 | -.180 | .120 | .246 | -.584 | 190 | 333 | -.078 | .101 | .269 | -.435 | 190 | 384 | .305 | .099 | .721 | .079 |
| 190 | 264 | -.157 | .121 | .233 | -.566 | 190 | 334 | -.211 | .096 | .085 | -.614 | 190 | 385 | .297 | .095 | .636 | .084 |
| 190 | 265 | -.090 | .109 | .248 | -.499 | 190 | 336 | -.221 | .134 | .300 | -.782 | 190 | 386 | .182 | .092 | .557 | -.052 |
| 190 | 266 | -.001 | .112 | .366 | -.378 | 190 | 337 | -.245 | .099 | .092 | -.652 | 190 | 387 | .089 | .098 | .451 | -.188 |
| 190 | 267 | -.009 | .119 | .442 | -.433 | 190 | 338 | -.235 | .195 | .439 | -.814 | 190 | 388 | .111 | .099 | .514 | -.216 |
| 190 | 268 | -.023 | .117 | .325 | -.558 | 190 | 339 | .059 | .182 | .458 | -.693 | 190 | 389 | .179 | .087 | .546 | -.055 |
| 190 | 269 | -.409 | .131 | -.086 | -1.191 | 190 | 340 | -.407 | .137 | .150 | -.945 | 190 | 390 | .252 | .085 | .621 | .067 |
| 190 | 270 | -.414 | .135 | -.075 | -1.288 | 190 | 341 | -.391 | .132 | .226 | -.863 | 190 | 391 | .329 | .109 | .774 | .066 |
| 190 | 271 | -.246 | .074 | -.054 | -.658 | 190 | 342 | -.350 | .132 | .202 | -.833 | 190 | 392 | .202 | .102 | .594 | -.048 |
| 190 | 272 | -.139 | .051 | .007 | -.343 | 190 | 343 | -.021 | .100 | .483 | -.310 | 190 | 393 | .124 | .106 | .478 | -.174 |
| 190 | 273 | -.072 | .044 | .050 | -.274 | 190 | 344 | .056 | .121 | .478 | -.354 | 190 | 394 | .119 | .069 | .511 | -.081 |
| 190 | 274 | -.045 | .040 | .075 | -.236 | 190 | 345 | -.033 | .080 | .460 | -.326 | 190 | 395 | .217 | .076 | .617 | .031 |
| 190 | 275 | -.294 | .101 | -.039 | -.848 | 190 | 346 | -.015 | .077 | .308 | -.279 | 190 | 396 | .271 | .104 | .870 | .050 |
| 190 | 276 | -.337 | .125 | -.025 | -.901 | 190 | 347 | .314 | .123 | .757 | -.098 | 190 | 397 | .169 | .090 | .520 | -.505 |
| 190 | 277 | -.043 | .054 | .240 | -.226 | 190 | 348 | .393 | .128 | .826 | .042 | 190 | 398 | .143 | .102 | .560 | -.428 |
| 190 | 278 | -.056 | .037 | .075 | -.184 | 190 | 349 | .475 | .142 | .914 | -.184 | 190 | 399 | .162 | .083 | .574 | -.054 |
| 190 | 279 | -.016 | .034 | .100 | -.154 | 190 | 350 | .422 | .150 | .846 | -.193 | 190 | 400 | .136 | .087 | .550 | -.153 |
| 190 | 280 | -.023 | .036 | .117 | -.143 | 190 | 351 | .221 | .133 | .571 | -.291 | 190 | 401 | .024 | .083 | .364 | -.227 |
| 190 | 301 | .262 | .105 | .588 | -.176 | 190 | 352 | .029 | .120 | .386 | -.408 | 190 | 402 | -.088 | .085 | .361 | -.372 |
| 190 | 302 | .332 | .104 | .647 | .010 | 190 | 353 | .242 | .132 | .630 | -.135 | 190 | 403 | .201 | .083 | .720 | -.186 |
| 190 | 303 | .313 | .095 | .574 | -.010 | 190 | 354 | .372 | .134 | .787 | .006 | 190 | 404 | .213 | .082 | .723 | -.028 |
| 190 | 304 | .245 | .092 | .535 | -.078 | 190 | 355 | .214 | .130 | .697 | -.126 | 190 | 405 | .203 | .074 | .573 | .020 |
| 190 | 305 | .152 | .085 | .436 | -.178 | 190 | 356 | .333 | .132 | .737 | .023 | 190 | 406 | .152 | .073 | .574 | -.023 |
| 190 | 306 | .012 | .066 | .239 | -.231 | 190 | 357 | .430 | .120 | .813 | .110 | 190 | 407 | .009 | .059 | .315 | -.157 |
| 190 | 307 | .273 | .119 | .614 | -.322 | 190 | 358 | .366 | .109 | .731 | .101 | 190 | 408 | -.089 | .064 | .218 | -.416 |
| 190 | 308 | .446 | .118 | .773 | .038 | 190 | 359 | .146 | .087 | .495 | -.096 | 190 | 501 | -.202 | .044 | -.039 | -.387 |
| 190 | 309 | .481 | .112 | .835 | .103 | 190 | 360 | -.030 | .092 | .397 | -.358 | 190 | 502 | -.188 | .042 | -.038 | -.428 |
| 190 | 310 | .386 | .114 | .726 | .012 | 190 | 361 | .131 | .105 | .705 | -.210 | 190 | 503 | -.214 | .045 | -.053 | -.474 |
| 190 | 311 | .217 | .091 | .567 | -.095 | 190 | 362 | .297 | .112 | .775 | -.009 | 190 | 504 | -.308 | .087 | -.117 | -.802 |
| 190 | 312 | .018 | .064 | .266 | -.218 | 190 | 363 | .440 | .129 | .836 | .113 | 190 | 505 | -.710 | .182 | -.105 | -1.281 |
| 190 | 313 | .192 | .105 | .665 | -.133 | 190 | 364 | .368 | .116 | .788 | .082 | 190 | 506 | -.823 | .261 | -.262 | -1.761 |
| 190 | 314 | .435 | .114 | .824 | .105 | 190 | 365 | .052 | .102 | .439 | -.314 | 190 | 507 | -.179 | .038 | -.028 | -.325 |
| 190 | 315 | .606 | .122 | .965 | .269 | 190 | 366 | .000 | .093 | .356 | -.262 | 190 | 508 | -.197 | .038 | -.060 | -.409 |
| 190 | 316 | .529 | .111 | .860 | .212 | 190 | 367 | -.072 | .088 | .262 | -.319 | 190 | 509 | -.180 | .045 | -.011 | -.426 |
| 190 | 317 | .234 | .082 | .518 | -.013 | 190 | 368 | -.153 | .135 | .322 | -.573 | 190 | 510 | -.265 | .096 | -.004 | -.800 |
| 190 | 318 | -.017 | .057 | .177 | -.226 | 190 | 369 | -.097 | .093 | .210 | -.416 | 190 | 511 | -.782 | .226 | -.198 | -1.720 |
| 190 | 319 | .156 | .118 | .618 | -.268 | 190 | 370 | -.051 | .128 | .547 | -.457 | 190 | 512 | -.703 | .152 | -.302 | -1.617 |
| 190 | 320 | .397 | .123 | .824 | .045 | 190 | 371 | .060 | .141 | .499 | -.550 | 190 | 513 | -.218 | .046 | -.045 | -.450 |
| 190 | 321 | .561 | .127 | .945 | .211 | 190 | 372 | -.036 | .123 | .534 | -.569 | 190 | 514 | -.197 | .041 | -.071 | -.503 |
| 190 | 322 | .476 | .113 | .850 | .129 | 190 | 373 | .025 | .130 | .460 | -.491 | 190 | 515 | -.172 | .095 | -.001 | -.868 |
| 190 | 323 | .184 | .083 | .438 | -.073 | 190 | 374 | .277 | .126 | .725 | -.164 | 190 | 516 | -.379 | .222 | .052 | -1.102 |
| 190 | 324 | -.050 | .068 | .187 | -.269 | 190 | 375 | .332 | .127 | .750 | -.114 | 190 | 517 | -.753 | .187 | -.212 | -1.596 |
| 190 | 325 | .130 | .113 | .510 | -.236 | 190 | 376 | .368 | .141 | .806 | -.199 | 190 | 518 | -.659 | .152 | -.141 | -1.452 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 190 | 519 | -.227 | .052 | -.066 | -.518 | 190 | 569 | -.414 | .179 | .101 | -1.176 | 190 | 719 | -.750 | .299 | .086 | -1.764 |
| 190 | 520 | -.222 | .052 | -.041 | -.585 | 190 | 570 | -.425 | .103 | -.158 | -.878 | 190 | 720 | -.485 | .311 | .295 | -1.542 |
| 190 | 521 | -.176 | .096 | .022 | -.850 | 190 | 571 | -.519 | .115 | -.191 | -.928 | 190 | 721 | -.383 | .216 | .327 | -1.557 |
| 190 | 522 | -.369 | .212 | .048 | -1.181 | 190 | 572 | -.485 | .109 | -.220 | -1.001 | 190 | 722 | -.239 | .265 | .404 | -1.433 |
| 190 | 523 | -.707 | .173 | -.214 | -1.365 | 190 | 573 | -.460 | .103 | -.217 | -.947 | 190 | 723 | -.218 | .197 | .381 | -1.072 |
| 190 | 524 | -.727 | .184 | -.271 | -1.549 | 190 | 574 | -.477 | .118 | -.217 | -1.022 | 190 | 724 | -.146 | .144 | .335 | -.897 |
| 190 | 525 | -.642 | .171 | -.171 | -1.409 | 190 | 575 | -.476 | .111 | -.219 | -.999 | 190 | 725 | -.339 | .064 | -.150 | -.856 |
| 190 | 526 | -.653 | .183 | -.179 | -1.645 | 190 | 576 | -.436 | .110 | -.147 | -.874 | 190 | 726 | -.317 | .060 | -.132 | -.621 |
| 190 | 527 | -.611 | .178 | -.104 | -1.450 | 190 | 577 | -.312 | .069 | -.127 | -.601 | 190 | 727 | -.495 | .107 | -.218 | -1.016 |
| 190 | 528 | -.615 | .176 | -.169 | -1.448 | 190 | 578 | -.220 | .062 | -.066 | -.560 | 190 | 728 | -.395 | .112 | -.106 | -.822 |
| 190 | 529 | -.308 | .078 | -.053 | -.600 | 190 | 579 | -.141 | .091 | .093 | -.748 | 190 | 729 | -.405 | .110 | -.108 | -.901 |
| 190 | 530 | -.343 | .093 | -.084 | -.705 | 190 | 580 | -.176 | .164 | .150 | -.871 | 190 | 730 | -.832 | .329 | -.011 | -2.336 |
| 190 | 531 | -.308 | .090 | -.079 | -.703 | 190 | 581 | -.111 | .137 | .207 | -.781 | 190 | 731 | -.247 | .089 | .068 | -.540 |
| 190 | 532 | -.153 | .080 | .024 | -.633 | 190 | 582 | -.359 | .206 | .212 | -1.269 | 190 | 732 | -.053 | .066 | .152 | -.341 |
| 190 | 533 | -.266 | .187 | .048 | -1.055 | 190 | 583 | -.255 | .188 | .197 | -.987 | 190 | 733 | -.275 | .163 | .246 | -.859 |
| 190 | 534 | -.647 | .255 | -.011 | -1.538 | 190 | 584 | -.375 | .222 | .100 | -1.315 | 190 | 734 | -.014 | .125 | .317 | -.447 |
| 190 | 535 | -.703 | .238 | -.103 | -1.928 | 190 | 585 | -.261 | .066 | -.098 | -.525 | 190 | 735 | .177 | .083 | .618 | -.266 |
| 190 | 536 | -.369 | .097 | -.103 | -.731 | 190 | 586 | -.178 | .051 | -.035 | -.381 | 190 | 736 | -.337 | .118 | -.017 | -.840 |
| 190 | 537 | -.434 | .148 | -.099 | -1.250 | 190 | 587 | -.058 | .036 | .064 | -.250 | 190 | 901 | .371 | .118 | .870 | .102 |
| 190 | 538 | -.443 | .123 | -.188 | -1.228 | 190 | 588 | -.033 | .079 | .147 | -.638 | 190 | 902 | .348 | .106 | .773 | .084 |
| 190 | 539 | -.410 | .107 | -.185 | -.871 | 190 | 589 | -.200 | .140 | .146 | -.804 | 190 | 903 | .291 | .102 | .668 | .068 |
| 190 | 540 | -.430 | .108 | -.179 | -.949 | 190 | 590 | -.231 | .123 | .153 | -.817 | 190 | 904 | .096 | .069 | .351 | -.153 |
| 190 | 541 | -.418 | .105 | -.179 | -.899 | 190 | 591 | -.266 | .069 | -.030 | -.552 | 190 | 905 | .008 | .065 | .280 | -.267 |
| 190 | 542 | -.434 | .108 | -.198 | -.942 | 190 | 592 | -.177 | .051 | -.020 | -.426 | 190 | 906 | .040 | .063 | .238 | -.210 |
| 190 | 543 | -.298 | .126 | .258 | -.911 | 190 | 593 | -.023 | .038 | .164 | -.222 | 190 | 907 | .002 | .056 | .238 | -.204 |
| 190 | 544 | -.378 | .112 | -.049 | -.961 | 190 | 594 | .026 | .078 | .287 | -.515 | 190 | 908 | -.228 | .072 | .008 | -.525 |
| 190 | 545 | -.238 | .146 | .304 | -.753 | 190 | 595 | -.087 | .131 | .260 | -.762 | 190 | 909 | -.043 | .062 | .123 | -.432 |
| 190 | 546 | -.333 | .098 | .062 | -.840 | 190 | 596 | -.098 | .118 | .233 | -.676 | 190 | 910 | -.032 | .056 | .143 | -.296 |
| 190 | 547 | -.084 | .159 | .308 | -.635 | 190 | 597 | .236 | .092 | .714 | -.229 | 190 | 911 | -.085 | .069 | .106 | -.448 |
| 190 | 548 | -.291 | .130 | .124 | -.783 | 190 | 598 | .195 | .086 | .633 | -.186 | 190 | 912 | -.077 | .076 | .092 | -.667 |
| 190 | 549 | -.290 | .084 | -.092 | -.697 | 190 | 599 | .275 | .092 | .777 | .066 | 190 | 913 | -.138 | .130 | .137 | -.703 |
| 190 | 550 | -.231 | .071 | -.063 | -.562 | 190 | 600 | .248 | .092 | .631 | -.040 | 190 | 914 | .133 | .089 | .426 | -.140 |
| 190 | 551 | -.201 | .108 | .015 | -.727 | 190 | 701 | -.039 | .041 | .087 | -.243 | 190 | 915 | .091 | .097 | .409 | -.232 |
| 190 | 552 | -.290 | .201 | .070 | -1.124 | 190 | 702 | -.343 | .116 | -.035 | -.860 | 190 | 916 | .074 | .103 | .413 | -.326 |
| 190 | 553 | -.265 | .173 | .169 | -.986 | 190 | 703 | -.429 | .125 | -.120 | -1.023 | 190 | 917 | .439 | .129 | .811 | .106 |
| 190 | 554 | -.650 | .264 | .045 | -1.714 | 190 | 704 | -.467 | .124 | -.052 | -1.092 | 190 | 918 | .371 | .117 | .810 | .069 |
| 190 | 555 | -.554 | .258 | .114 | -1.355 | 190 | 705 | -.239 | .114 | .044 | -.813 | 190 | 919 | .382 | .116 | .838 | .091 |
| 190 | 556 | -.649 | .293 | .013 | -1.906 | 190 | 706 | -.012 | .057 | .192 | -.330 | 190 | 920 | -.095 | .096 | .175 | -.582 |
| 190 | 557 | -.266 | .069 | -.108 | -.579 | 190 | 707 | -.240 | .054 | -.052 | -.485 | 190 | 921 | -.084 | .085 | .154 | -.547 |
| 190 | 558 | -.224 | .058 | -.092 | -.467 | 190 | 708 | -.264 | .059 | -.089 | -.585 | 190 | 922 | -.262 | .175 | .076 | -1.184 |
| 190 | 559 | -.132 | .047 | .015 | -.355 | 190 | 709 | -.293 | .084 | -.039 | -.679 | 190 | 923 | .011 | .127 | .394 | -.434 |
| 190 | 560 | -.176 | .142 | .093 | -.847 | 190 | 710 | -.449 | .122 | -.206 | -1.259 | 190 | 924 | -.040 | .133 | .354 | -.473 |
| 190 | 561 | -.465 | .166 | .042 | -1.104 | 190 | 711 | -.367 | .150 | -.014 | -1.037 | 190 | 925 | -.071 | .142 | .406 | -.657 |
| 190 | 562 | -.482 | .163 | .001 | -1.270 | 190 | 712 | -.429 | .153 | -.116 | -1.376 | 190 | 926 | .433 | .129 | .851 | -.011 |
| 190 | 563 | -.383 | .089 | -.169 | -.746 | 190 | 713 | -.424 | .111 | -.178 | -1.235 | 190 | 927 | .368 | .107 | .777 | .067 |
| 190 | 564 | -.403 | .091 | -.170 | -.755 | 190 | 714 | -.339 | .127 | .069 | -.799 | 190 | 928 | .414 | .109 | .824 | .116 |
| 190 | 565 | -.373 | .079 | -.134 | -.642 | 190 | 715 | -.546 | .110 | -.251 | -.962 | 190 | 929 | -.325 | .084 | .063 | -.640 |
| 190 | 566 | -.126 | .055 | .045 | -.461 | 190 | 716 | -.461 | .109 | -.188 | -.895 | 190 | 930 | -.439 | .087 | -.210 | -.822 |
| 190 | 567 | -.144 | .128 | .097 | -.715 | 190 | 717 | -.793 | .254 | .019 | -1.713 | 190 | 931 | -.419 | .070 | -.234 | -.692 |
| 190 | 568 | -.386 | .187 | .228 | -1.150 | 190 | 718 | -.750 | .215 | -.058 | -1.734 | 190 | 932 | -.316 | .080 | .090 | -.622 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 190 | 933 | -.416 | .072 | -.187 | -.851 | 200 | 141 | -.092 | .056 | .055 | -.457 | 200 | 213 | -.315 | .048 | -.154 | -.489 |
| 190 | 934 | -.359 | .092 | -.015 | -.817 | 200 | 142 | -.098 | .057 | .078 | -.356 | 200 | 214 | -.308 | .046 | -.149 | -.463 |
| 190 | 935 | -.468 | .087 | -.193 | -1.094 | 200 | 143 | -.171 | .065 | .049 | -.457 | 200 | 215 | -.329 | .049 | -.174 | -.514 |
| 190 | 936 | -.423 | .071 | -.201 | -.825 | 200 | 144 | -.298 | .070 | -.053 | -.579 | 200 | 216 | -.343 | .051 | -.174 | -.744 |
| 190 | 937 | -.380 | .088 | .012 | -.715 | 200 | 145 | -.452 | .113 | -.095 | -.834 | 200 | 217 | -.360 | .061 | -.166 | -.633 |
| 190 | 938 | -.452 | .087 | -.200 | -.781 | 200 | 146 | -.502 | .133 | -.093 | -1.016 | 200 | 218 | -.358 | .070 | -.157 | -.783 |
| 190 | 939 | -.424 | .073 | -.217 | -.732 | 200 | 147 | -.069 | .053 | .086 | -.399 | 200 | 219 | -.350 | .067 | -.122 | -.604 |
| 190 | 940 | -.359 | .105 | .038 | -.809 | 200 | 148 | -.072 | .051 | .095 | -.334 | 200 | 220 | -.351 | .069 | -.138 | -.609 |
| 190 | 941 | -.443 | .096 | .015 | -.914 | 200 | 149 | -.124 | .055 | .056 | -.411 | 200 | 221 | -.381 | .070 | -.185 | -.785 |
| 190 | 942 | -.416 | .091 | -.159 | -.870 | 200 | 150 | -.248 | .063 | -.015 | -.524 | 200 | 222 | -.378 | .067 | -.176 | -.720 |
| 200 | 101 | -.322 | .076 | -.124 | -.950 | 200 | 151 | -.442 | .110 | -.165 | -.900 | 200 | 223 | -.405 | .079 | -.152 | -.732 |
| 200 | 102 | -.311 | .071 | -.132 | -.922 | 200 | 152 | -.519 | .152 | -.168 | -1.299 | 200 | 224 | -.420 | .086 | -.176 | -.793 |
| 200 | 103 | -.287 | .067 | -.105 | -.891 | 200 | 153 | -.079 | .038 | .039 | -.286 | 200 | 225 | -.497 | .101 | -.212 | -.989 |
| 200 | 104 | -.285 | .050 | -.121 | -.608 | 200 | 154 | -.065 | .037 | .049 | -.323 | 200 | 226 | -.505 | .112 | -.193 | -1.191 |
| 200 | 105 | -.297 | .053 | -.091 | -.503 | 200 | 155 | -.069 | .038 | .070 | -.269 | 200 | 227 | -.553 | .131 | -.186 | -1.052 |
| 200 | 106 | -.293 | .051 | -.114 | -.479 | 200 | 156 | -.079 | .040 | .047 | -.272 | 200 | 228 | -.509 | .107 | -.203 | -.900 |
| 200 | 107 | -.300 | .068 | -.097 | -.716 | 200 | 157 | -.516 | .122 | -.238 | -1.047 | 200 | 229 | -.455 | .092 | -.137 | -.811 |
| 200 | 108 | -.291 | .063 | -.107 | -.685 | 200 | 158 | -.522 | .139 | -.203 | -1.269 | 200 | 230 | -.462 | .107 | -.171 | -1.062 |
| 200 | 109 | -.297 | .058 | -.129 | -.776 | 200 | 159 | -.540 | .131 | -.254 | -1.136 | 200 | 231 | -.624 | .167 | -.174 | -1.297 |
| 200 | 110 | -.260 | .049 | -.083 | -.537 | 200 | 160 | -.472 | .100 | -.251 | -.924 | 200 | 232 | -.608 | .173 | -.126 | -1.794 |
| 200 | 111 | -.286 | .049 | -.120 | -.472 | 200 | 161 | -.467 | .104 | -.223 | -.946 | 200 | 233 | -.500 | .106 | -.147 | -.970 |
| 200 | 112 | -.285 | .048 | -.122 | -.455 | 200 | 162 | -.489 | .095 | -.254 | -1.011 | 200 | 234 | -.476 | .111 | -.164 | -.926 |
| 200 | 113 | -.327 | .055 | -.119 | -.536 | 200 | 163 | -.478 | .127 | -.215 | -1.151 | 200 | 235 | -.482 | .123 | -.100 | -1.079 |
| 200 | 114 | -.320 | .052 | -.148 | -.515 | 200 | 164 | -.530 | .144 | -.267 | -1.270 | 200 | 236 | -.374 | .099 | .039 | -.773 |
| 200 | 115 | -.302 | .044 | -.160 | -.462 | 200 | 165 | -.322 | .109 | -.037 | -.780 | 200 | 237 | -.213 | .070 | .060 | -.505 |
| 200 | 116 | -.291 | .042 | -.165 | -.433 | 200 | 166 | -.454 | .129 | -.145 | -1.019 | 200 | 238 | -.209 | .070 | .016 | -.470 |
| 200 | 117 | -.275 | .041 | -.133 | -.402 | 200 | 167 | -.321 | .106 | .009 | -.699 | 200 | 239 | -.624 | .190 | -.162 | -1.613 |
| 200 | 118 | -.281 | .040 | -.159 | -.436 | 200 | 168 | -.405 | .137 | -.054 | -.990 | 200 | 240 | -.632 | .184 | -.164 | -1.573 |
| 200 | 119 | -.376 | .068 | -.191 | -.735 | 200 | 169 | -.348 | .134 | -.009 | -.994 | 200 | 241 | -.542 | .175 | -.156 | -1.365 |
| 200 | 120 | -.365 | .066 | -.183 | -.785 | 200 | 170 | -.556 | .102 | -.280 | -.943 | 200 | 242 | -.486 | .145 | -.142 | -1.106 |
| 200 | 121 | -.341 | .068 | -.105 | -.762 | 200 | 171 | -.588 | .106 | -.296 | -1.023 | 200 | 243 | -.272 | .116 | .012 | -.866 |
| 200 | 122 | -.331 | .063 | -.141 | -.713 | 200 | 172 | -.581 | .105 | -.296 | -1.018 | 200 | 244 | -.065 | .042 | .069 | -.235 |
| 200 | 123 | -.310 | .059 | -.145 | -.653 | 200 | 173 | -.500 | .105 | -.259 | -.956 | 200 | 245 | -.056 | .043 | .068 | -.349 |
| 200 | 124 | -.317 | .062 | -.150 | -.680 | 200 | 174 | -.525 | .100 | -.279 | -.934 | 200 | 246 | -.050 | .042 | .101 | -.210 |
| 200 | 125 | -.442 | .089 | -.214 | -.783 | 200 | 175 | -.486 | .101 | -.181 | -.880 | 200 | 247 | -.061 | .035 | .051 | -.218 |
| 200 | 126 | -.410 | .083 | -.176 | -.792 | 200 | 176 | -.503 | .104 | -.240 | -.888 | 200 | 248 | -.037 | .041 | .135 | -.195 |
| 200 | 127 | -.396 | .088 | -.178 | -.806 | 200 | 177 | -.468 | .105 | -.203 | -.893 | 200 | 249 | -.035 | .046 | .142 | -.209 |
| 200 | 128 | -.404 | .091 | -.175 | -.936 | 200 | 178 | -.496 | .111 | -.214 | -.946 | 200 | 250 | -.681 | .199 | -.140 | -1.490 |
| 200 | 129 | -.382 | .086 | -.180 | -.942 | 200 | 201 | -.356 | .051 | -.177 | -.599 | 200 | 251 | -.589 | .157 | -.126 | -1.093 |
| 200 | 130 | -.369 | .084 | -.152 | -.840 | 200 | 202 | -.346 | .050 | -.174 | -.593 | 200 | 252 | -.548 | .156 | -.140 | -1.102 |
| 200 | 131 | -.464 | .102 | -.228 | -1.028 | 200 | 203 | -.356 | .059 | -.098 | -.766 | 200 | 253 | -.552 | .130 | -.190 | -1.052 |
| 200 | 132 | -.481 | .110 | -.228 | -1.147 | 200 | 204 | -.353 | .067 | -.061 | -.744 | 200 | 254 | -.410 | .114 | -.020 | -.883 |
| 200 | 133 | -.283 | .103 | .028 | -.747 | 200 | 205 | -.324 | .081 | -.090 | -.778 | 200 | 255 | -.444 | .120 | -.088 | -1.084 |
| 200 | 134 | -.283 | .090 | .062 | -.752 | 200 | 206 | -.350 | .093 | -.067 | -1.259 | 200 | 256 | -.469 | .116 | -.131 | -.982 |
| 200 | 135 | -.356 | .086 | -.136 | -.725 | 200 | 207 | -.326 | .050 | -.174 | -.529 | 200 | 257 | -.442 | .116 | -.103 | -1.020 |
| 200 | 136 | -.404 | .097 | -.147 | -.863 | 200 | 208 | -.331 | .048 | -.174 | -.531 | 200 | 258 | -.315 | .109 | -.043 | -.821 |
| 200 | 137 | -.469 | .121 | -.197 | -1.083 | 200 | 209 | -.339 | .054 | -.087 | -.703 | 200 | 259 | -.179 | .077 | .140 | -.497 |
| 200 | 138 | -.485 | .126 | -.230 | -1.001 | 200 | 210 | -.333 | .057 | -.147 | -.628 | 200 | 260 | -.174 | .073 | .032 | -.542 |
| 200 | 139 | -.476 | .117 | -.100 | -.929 | 200 | 211 | -.348 | .073 | -.139 | -.666 | 200 | 261 | -.159 | .075 | .128 | -.465 |
| 200 | 140 | -.587 | .155 | -.195 | -1.296 | 200 | 212 | -.364 | .085 | -.139 | -.756 | 200 | 262 | -.385 | .130 | -.025 | -.834 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| UD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | UD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | UD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200 | 263 | -.368 | .130 | .019 | -.818 | 200 | 333 | -.266 | .106 | .087 | -.618 | 200 | 384 | .306 | .099 | .713 | .048 |
| 200 | 264 | -.400 | .131 | -.038 | -.792 | 200 | 334 | -.332 | .095 | -.025 | -.684 | 200 | 385 | .236 | .089 | .631 | .008 |
| 200 | 265 | -.318 | .118 | .022 | -.701 | 200 | 336 | -.502 | .166 | -.043 | -1.131 | 200 | 386 | .042 | .079 | .424 | -.208 |
| 200 | 266 | -.233 | .128 | .114 | -.717 | 200 | 337 | -.360 | .102 | -.062 | -.777 | 200 | 387 | -.075 | .088 | .304 | -.339 |
| 200 | 267 | -.253 | .131 | .102 | -.728 | 200 | 338 | -.520 | .149 | .029 | -.992 | 200 | 388 | .221 | .096 | .659 | -.073 |
| 200 | 268 | -.246 | .124 | .140 | -.730 | 200 | 339 | -.317 | .235 | .372 | -.982 | 200 | 389 | .245 | .087 | .607 | -.006 |
| 200 | 269 | -.412 | .111 | -.124 | -.945 | 200 | 340 | -.520 | .121 | -.146 | -.985 | 200 | 390 | .275 | .084 | .580 | .072 |
| 200 | 270 | -.405 | .116 | -.112 | -.906 | 200 | 341 | -.510 | .110 | -.169 | -.896 | 200 | 391 | .254 | .089 | .655 | .014 |
| 200 | 271 | -.288 | .067 | -.120 | -.552 | 200 | 342 | -.483 | .107 | -.088 | -.894 | 200 | 392 | .039 | .081 | .345 | -.249 |
| 200 | 272 | -.178 | .049 | -.048 | -.380 | 200 | 343 | -.098 | .123 | .460 | -.490 | 200 | 393 | -.082 | .096 | .233 | -.476 |
| 200 | 273 | -.106 | .041 | .040 | -.277 | 200 | 344 | .070 | .110 | .394 | -.329 | 200 | 394 | .204 | .081 | .663 | -.074 |
| 200 | 274 | -.082 | .038 | .055 | -.261 | 200 | 345 | -.178 | .090 | .156 | -.583 | 200 | 395 | .255 | .081 | .609 | .081 |
| 200 | 275 | -.347 | .087 | -.113 | -.757 | 200 | 346 | -.121 | .089 | .298 | -.437 | 200 | 396 | .309 | .100 | .725 | .077 |
| 200 | 276 | -.380 | .118 | -.093 | -.892 | 200 | 347 | .434 | .135 | .884 | .054 | 200 | 397 | .140 | .093 | .528 | -.335 |
| 200 | 277 | -.148 | .063 | .025 | -.415 | 200 | 348 | .451 | .127 | .958 | .132 | 200 | 398 | .145 | .108 | .492 | -.506 |
| 200 | 278 | -.096 | .040 | .062 | -.261 | 200 | 349 | .442 | .135 | .846 | -.180 | 200 | 399 | .103 | .065 | .427 | -.116 |
| 200 | 279 | -.058 | .036 | .066 | -.254 | 200 | 350 | .367 | .124 | .767 | -.260 | 200 | 400 | .064 | .055 | .374 | -.169 |
| 200 | 280 | -.065 | .035 | .060 | -.268 | 200 | 351 | .093 | .115 | .409 | -.573 | 200 | 401 | -.053 | .062 | .351 | -.346 |
| 200 | 301 | .409 | .109 | .749 | .049 | 200 | 352 | -.152 | .107 | .189 | -.834 | 200 | 402 | -.161 | .069 | .182 | -.469 |
| 200 | 302 | .385 | .111 | .745 | .015 | 200 | 353 | .408 | .136 | .803 | .066 | 200 | 403 | .199 | .082 | .567 | -.143 |
| 200 | 303 | .267 | .094 | .566 | -.059 | 200 | 354 | .456 | .135 | .904 | .097 | 200 | 404 | .205 | .083 | .620 | -.097 |
| 200 | 304 | .174 | .083 | .420 | -.093 | 200 | 355 | .367 | .134 | .842 | .045 | 200 | 405 | .176 | .064 | .465 | .018 |
| 200 | 305 | .050 | .073 | .276 | -.206 | 200 | 356 | .417 | .131 | .860 | .075 | 200 | 406 | .089 | .056 | .382 | -.072 |
| 200 | 306 | -.083 | .057 | .102 | -.288 | 200 | 357 | .402 | .126 | .773 | .091 | 200 | 407 | -.076 | .044 | .132 | -.211 |
| 200 | 307 | .474 | .123 | .846 | .090 | 200 | 358 | .285 | .106 | .649 | .038 | 200 | 408 | -.192 | .057 | .028 | -.428 |
| 200 | 308 | .524 | .121 | .849 | .120 | 200 | 359 | .019 | .079 | .289 | -.214 | 200 | 501 | -.214 | .040 | -.091 | -.358 |
| 200 | 309 | .436 | .106 | .792 | .073 | 200 | 360 | -.159 | .081 | .106 | -.423 | 200 | 502 | -.202 | .032 | -.082 | -.308 |
| 200 | 310 | .314 | .097 | .647 | -.008 | 200 | 361 | .277 | .119 | .692 | -.025 | 200 | 503 | -.152 | .036 | -.004 | -.285 |
| 200 | 311 | .119 | .071 | .412 | -.102 | 200 | 362 | .360 | .115 | .831 | .067 | 200 | 504 | -.134 | .046 | .041 | -.318 |
| 200 | 312 | -.066 | .048 | .129 | -.232 | 200 | 363 | .385 | .118 | .825 | .099 | 200 | 505 | -.427 | .138 | .077 | -1.150 |
| 200 | 313 | .434 | .133 | .819 | .012 | 200 | 364 | .256 | .102 | .633 | .004 | 200 | 506 | -.537 | .107 | -.020 | -1.017 |
| 200 | 314 | .553 | .124 | .899 | .163 | 200 | 365 | -.164 | .108 | .184 | -.618 | 200 | 507 | -.178 | .034 | -.066 | -.308 |
| 200 | 315 | .569 | .113 | .886 | .124 | 200 | 366 | -.210 | .102 | .145 | -.580 | 200 | 508 | -.194 | .031 | -.088 | -.295 |
| 200 | 316 | .434 | .095 | .720 | .100 | 200 | 367 | -.262 | .099 | .087 | -.642 | 200 | 509 | -.096 | .036 | .075 | -.257 |
| 200 | 317 | .130 | .069 | .397 | -.103 | 200 | 368 | -.405 | .138 | .099 | -.911 | 200 | 510 | -.056 | .054 | .150 | -.390 |
| 200 | 318 | -.101 | .050 | .105 | -.304 | 200 | 369 | -.301 | .115 | .072 | -.769 | 200 | 511 | -.385 | .138 | .266 | -.901 |
| 200 | 319 | .411 | .142 | .814 | -.028 | 200 | 370 | -.308 | .126 | .157 | -.808 | 200 | 512 | -.578 | .133 | .013 | -1.052 |
| 200 | 320 | .528 | .134 | .926 | .140 | 200 | 371 | -.230 | .182 | .271 | -.809 | 200 | 513 | -.228 | .033 | -.111 | -.335 |
| 200 | 321 | .535 | .122 | .889 | .137 | 200 | 372 | -.289 | .133 | .101 | -.879 | 200 | 514 | -.191 | .026 | -.101 | -.292 |
| 200 | 322 | .384 | .100 | .691 | .075 | 200 | 373 | -.184 | .157 | .446 | -.623 | 200 | 515 | -.050 | .037 | .129 | -.181 |
| 200 | 323 | .072 | .064 | .337 | -.158 | 200 | 374 | .331 | .119 | .847 | -.072 | 200 | 516 | .028 | .075 | .299 | -.488 |
| 200 | 324 | -.126 | .056 | .072 | -.370 | 200 | 375 | .349 | .116 | .806 | .043 | 200 | 517 | -.369 | .173 | .224 | -.901 |
| 200 | 325 | .375 | .154 | .819 | -.127 | 200 | 376 | .344 | .121 | .776 | -.146 | 200 | 518 | -.344 | .143 | .135 | -.859 |
| 200 | 326 | .492 | .138 | .908 | .075 | 200 | 377 | .244 | .134 | .802 | -.291 | 200 | 519 | -.246 | .041 | -.134 | -.419 |
| 200 | 327 | .378 | .149 | .824 | -.080 | 200 | 378 | .063 | .117 | .456 | -.464 | 200 | 520 | -.213 | .036 | -.101 | -.340 |
| 200 | 328 | .500 | .138 | .939 | .082 | 200 | 379 | -.091 | .114 | .298 | -.593 | 200 | 521 | -.054 | .037 | .065 | -.342 |
| 200 | 329 | .318 | .142 | .722 | -.107 | 200 | 380 | .314 | .114 | .782 | -.014 | 200 | 522 | .012 | .090 | .258 | -1.040 |
| 200 | 330 | .448 | .131 | .847 | .122 | 200 | 381 | .344 | .109 | .751 | .106 | 200 | 523 | -.313 | .185 | .398 | -1.537 |
| 200 | 331 | .481 | .122 | .819 | .137 | 200 | 382 | .259 | .110 | .692 | -.042 | 200 | 524 | -.337 | .171 | .246 | -1.584 |
| 200 | 332 | .317 | .099 | .650 | .040 | 200 | 383 | .318 | .108 | .751 | .044 | 200 | 525 | -.288 | .182 | .365 | -.903 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200 | 526 | -.317 | .164 | .336 | -.974 | 200 | 576 | -.485 | .103 | -.222 | -.992 | 200 | 726 | -.316 | .051 | -.152 | -.521 |
| 200 | 527 | -.260 | .185 | .396 | -.817 | 200 | 577 | -.290 | .065 | -.103 | -.575 | 200 | 727 | -.495 | .114 | -.155 | -1.127 |
| 200 | 528 | -.290 | .161 | .300 | -.866 | 200 | 578 | -.170 | .056 | .005 | -.422 | 200 | 728 | -.493 | .110 | -.148 | -.879 |
| 200 | 529 | -.392 | .080 | -.163 | -.732 | 200 | 579 | -.004 | .062 | .183 | -.255 | 200 | 729 | -.424 | .103 | -.133 | -.835 |
| 200 | 530 | -.437 | .094 | -.197 | -.837 | 200 | 580 | .043 | .100 | .323 | -.452 | 200 | 730 | -1.125 | .303 | -.369 | -2.219 |
| 200 | 531 | -.373 | .081 | -.169 | -.687 | 200 | 581 | .101 | .102 | .450 | -.431 | 200 | 731 | -.408 | .098 | -.135 | -.761 |
| 200 | 532 | -.063 | .047 | .138 | -.269 | 200 | 582 | -.032 | .188 | .440 | -.951 | 200 | 732 | -.207 | .099 | .028 | -.674 |
| 200 | 533 | .013 | .075 | .272 | -.355 | 200 | 583 | .026 | .158 | .408 | -.728 | 200 | 733 | -.500 | .138 | -.112 | -1.038 |
| 200 | 534 | -.135 | .206 | .350 | -.939 | 200 | 584 | -.038 | .191 | .443 | -.807 | 200 | 734 | -.295 | .129 | .099 | -.815 |
| 200 | 535 | -.254 | .192 | .318 | -1.039 | 200 | 585 | -.258 | .061 | -.098 | -.514 | 200 | 735 | .179 | .097 | .604 | -.116 |
| 200 | 536 | -.444 | .095 | -.190 | -.785 | 200 | 586 | -.155 | .049 | -.005 | -.363 | 200 | 736 | -.391 | .095 | -.143 | -.928 |
| 200 | 537 | -.521 | .124 | -.204 | -1.042 | 200 | 587 | .014 | .042 | .160 | -.124 | 200 | 901 | .325 | .133 | .888 | -.105 |
| 200 | 538 | -.505 | .104 | -.229 | -1.044 | 200 | 588 | .074 | .061 | .283 | -.238 | 200 | 902 | .291 | .118 | .818 | -.169 |
| 200 | 539 | -.475 | .099 | -.271 | -.941 | 200 | 589 | -.004 | .160 | .409 | -.521 | 200 | 903 | .184 | .086 | .624 | -.045 |
| 200 | 540 | -.472 | .104 | -.117 | -.943 | 200 | 590 | -.034 | .157 | .429 | -.468 | 200 | 904 | -.043 | .064 | .261 | -.294 |
| 200 | 541 | -.467 | .106 | -.241 | -1.012 | 200 | 591 | -.268 | .067 | -.081 | -.615 | 200 | 905 | -.124 | .070 | .101 | -.422 |
| 200 | 542 | -.488 | .110 | -.269 | -1.086 | 200 | 592 | -.159 | .046 | -.043 | -.349 | 200 | 906 | -.054 | .065 | .157 | -.293 |
| 200 | 543 | -.233 | .142 | .163 | -.795 | 200 | 593 | .025 | .038 | .171 | -.096 | 200 | 907 | -.084 | .053 | .119 | -.262 |
| 200 | 544 | -.383 | .119 | .022 | -1.009 | 200 | 594 | .109 | .052 | .340 | -.077 | 200 | 908 | -.296 | .071 | -.073 | -.590 |
| 200 | 545 | -.224 | .164 | .429 | -.724 | 200 | 595 | .070 | .103 | .415 | -.414 | 200 | 909 | -.085 | .064 | .106 | -.373 |
| 200 | 546 | -.350 | .109 | .024 | -.763 | 200 | 596 | .048 | .098 | .316 | -.485 | 200 | 910 | -.091 | .058 | .127 | -.348 |
| 200 | 547 | -.053 | .171 | .389 | -.619 | 200 | 597 | .289 | .100 | .722 | -.029 | 200 | 911 | -.006 | .051 | .197 | -.162 |
| 200 | 548 | -.288 | .155 | .136 | -.884 | 200 | 598 | .240 | .094 | .599 | -.108 | 200 | 912 | -.005 | .049 | .184 | -.148 |
| 200 | 549 | -.319 | .077 | -.084 | -.684 | 200 | 599 | .307 | .097 | .708 | .091 | 200 | 913 | .043 | .072 | .270 | -.468 |
| 200 | 550 | -.207 | .064 | .003 | -.578 | 200 | 600 | .279 | .083 | .617 | .065 | 200 | 914 | .183 | .078 | .453 | -.058 |
| 200 | 551 | -.045 | .057 | .182 | -.241 | 200 | 701 | -.082 | .039 | .035 | -.262 | 200 | 915 | .162 | .085 | .480 | -.105 |
| 200 | 552 | .009 | .099 | .332 | -.499 | 200 | 702 | -.337 | .085 | -.088 | -.879 | 200 | 916 | .165 | .093 | .523 | -.131 |
| 200 | 553 | .073 | .107 | .445 | -.330 | 200 | 703 | -.394 | .077 | -.180 | -.892 | 200 | 917 | .382 | .119 | .907 | .113 |
| 200 | 554 | -.183 | .209 | .436 | -.875 | 200 | 704 | -.484 | .113 | -.189 | -1.161 | 200 | 918 | .277 | .102 | .755 | .021 |
| 200 | 555 | -.073 | .203 | .417 | -.943 | 200 | 705 | -.277 | .102 | .022 | -.848 | 200 | 919 | .288 | .102 | .735 | .014 |
| 200 | 556 | -.161 | .210 | .426 | -1.172 | 200 | 706 | -.063 | .052 | .144 | -.337 | 200 | 920 | .008 | .059 | .224 | -.260 |
| 200 | 557 | -.289 | .069 | -.075 | -.574 | 200 | 707 | -.295 | .054 | -.100 | -.491 | 200 | 921 | -.006 | .059 | .227 | -.237 |
| 200 | 558 | -.221 | .056 | -.044 | -.428 | 200 | 708 | -.296 | .048 | -.134 | -.481 | 200 | 922 | .003 | .073 | .204 | -.381 |
| 200 | 559 | -.049 | .040 | .107 | -.206 | 200 | 709 | -.366 | .082 | -.155 | -.806 | 200 | 923 | .119 | .091 | .461 | -.212 |
| 200 | 560 | .039 | .064 | .249 | -.348 | 200 | 710 | -.496 | .121 | -.230 | -1.002 | 200 | 924 | .094 | .099 | .449 | -.304 |
| 200 | 561 | -.128 | .173 | .401 | -.670 | 200 | 711 | -.491 | .174 | -.085 | -1.236 | 200 | 925 | .085 | .113 | .500 | -.267 |
| 200 | 562 | -.161 | .151 | .403 | -.730 | 200 | 712 | -.532 | .129 | -.242 | -1.125 | 200 | 926 | .419 | .123 | .936 | .082 |
| 200 | 563 | -.414 | .087 | -.187 | -.748 | 200 | 713 | -.474 | .123 | -.223 | -1.301 | 200 | 927 | .306 | .099 | .766 | .014 |
| 200 | 564 | -.431 | .086 | -.169 | -.745 | 200 | 714 | -.326 | .152 | .086 | -.817 | 200 | 928 | .350 | .101 | .734 | .072 |
| 200 | 565 | -.354 | .070 | -.165 | -.653 | 200 | 715 | -.567 | .106 | -.308 | -1.028 | 200 | 929 | -.350 | .079 | .024 | -.624 |
| 200 | 566 | -.047 | .043 | .126 | -.197 | 200 | 716 | -.480 | .103 | -.253 | -.907 | 200 | 930 | -.484 | .081 | -.193 | -.835 |
| 200 | 567 | .042 | .070 | .286 | -.393 | 200 | 717 | -.161 | .225 | .559 | -.977 | 200 | 931 | -.482 | .069 | -.238 | -.738 |
| 200 | 568 | -.023 | .172 | .403 | -.772 | 200 | 718 | -.133 | .265 | .545 | -1.038 | 200 | 932 | -.317 | .093 | .046 | -.638 |
| 200 | 569 | -.102 | .165 | .376 | -.868 | 200 | 719 | -.114 | .263 | .490 | -1.135 | 200 | 933 | -.478 | .072 | -.224 | -.739 |
| 200 | 570 | -.462 | .104 | -.129 | -.904 | 200 | 720 | .076 | .208 | .581 | -.992 | 200 | 934 | -.230 | .072 | -.013 | -.624 |
| 200 | 571 | -.556 | .108 | -.248 | -.987 | 200 | 721 | -.029 | .237 | .583 | -1.072 | 200 | 935 | -.468 | .078 | -.222 | -.817 |
| 200 | 572 | -.549 | .100 | -.278 | -.971 | 200 | 722 | .101 | .189 | .592 | -.721 | 200 | 936 | -.468 | .070 | -.204 | -.727 |
| 200 | 573 | -.531 | .094 | -.275 | -.887 | 200 | 723 | .030 | .182 | .589 | -.717 | 200 | 937 | -.329 | .074 | -.064 | -.624 |
| 200 | 574 | -.534 | .106 | -.197 | -.967 | 200 | 724 | .014 | .135 | .440 | -.684 | 200 | 938 | -.460 | .076 | -.163 | -.705 |
| 200 | 575 | -.511 | .096 | -.266 | -.931 | 200 | 725 | -.336 | .046 | -.188 | -.517 | 200 | 939 | -.468 | .068 | -.241 | -.736 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200 | 940 | -.307 | .071 | .028 | -.550 | 210 | 148 | -.158 | .048 | .020 | -.369 | 210 | 220 | -.368 | .058 | -.160 | -.640 |
| 200 | 941 | -.470 | .079 | -.158 | -.798 | 210 | 149 | -.192 | .046 | -.039 | -.372 | 210 | 221 | -.382 | .056 | -.226 | -.609 |
| 200 | 942 | -.464 | .083 | -.165 | -.914 | 210 | 150 | -.304 | .058 | -.124 | -.564 | 210 | 222 | -.395 | .058 | -.239 | -.603 |
| 210 | 101 | -.324 | .083 | -.097 | -.813 | 210 | 151 | -.511 | .101 | -.210 | -.863 | 210 | 223 | -.422 | .066 | -.208 | -.794 |
| 210 | 102 | -.322 | .077 | -.103 | -.811 | 210 | 152 | -.590 | .137 | -.223 | -1.240 | 210 | 224 | -.431 | .069 | -.199 | -.765 |
| 210 | 103 | -.310 | .056 | -.135 | -.691 | 210 | 153 | -.162 | .053 | .007 | -.397 | 210 | 225 | -.500 | .088 | -.202 | -1.066 |
| 210 | 104 | -.324 | .055 | -.112 | -.551 | 210 | 154 | -.146 | .047 | -.005 | -.341 | 210 | 226 | -.488 | .089 | -.244 | -.844 |
| 210 | 105 | -.325 | .052 | -.163 | -.499 | 210 | 155 | -.148 | .050 | -.001 | -.379 | 210 | 227 | -.534 | .116 | -.248 | -1.044 |
| 210 | 106 | -.323 | .051 | -.170 | -.495 | 210 | 156 | -.148 | .048 | .001 | -.393 | 210 | 228 | -.503 | .093 | -.233 | -.951 |
| 210 | 107 | -.320 | .081 | -.128 | -1.082 | 210 | 157 | -.538 | .116 | -.237 | -1.046 | 210 | 229 | -.464 | .088 | -.176 | -1.014 |
| 210 | 108 | -.316 | .073 | -.147 | -.937 | 210 | 158 | -.551 | .139 | -.227 | -1.093 | 210 | 230 | -.494 | .099 | -.246 | -1.009 |
| 210 | 109 | -.324 | .056 | -.149 | -.651 | 210 | 159 | -.563 | .131 | -.246 | -1.129 | 210 | 231 | -.606 | .142 | -.181 | -1.199 |
| 210 | 110 | -.300 | .048 | -.112 | -.502 | 210 | 160 | -.525 | .095 | -.285 | -.965 | 210 | 232 | -.569 | .145 | -.151 | -1.125 |
| 210 | 111 | -.312 | .047 | -.177 | -.503 | 210 | 161 | -.525 | .097 | -.281 | -.951 | 210 | 233 | -.593 | .114 | -.149 | -1.103 |
| 210 | 112 | -.309 | .047 | -.169 | -.502 | 210 | 162 | -.486 | .097 | -.201 | -.938 | 210 | 234 | -.551 | .121 | -.173 | -1.155 |
| 210 | 113 | -.350 | .055 | -.151 | -.660 | 210 | 163 | -.551 | .121 | -.273 | -1.190 | 210 | 235 | -.538 | .124 | -.150 | -1.086 |
| 210 | 114 | -.348 | .053 | -.170 | -.615 | 210 | 164 | -.623 | .151 | -.306 | -1.419 | 210 | 236 | -.423 | .091 | -.127 | -.772 |
| 210 | 115 | -.347 | .047 | -.196 | -.582 | 210 | 165 | -.205 | .102 | .057 | -.648 | 210 | 237 | -.285 | .074 | .010 | -.592 |
| 210 | 116 | -.337 | .043 | -.190 | -.499 | 210 | 166 | -.312 | .136 | -.043 | -.920 | 210 | 238 | -.281 | .073 | -.025 | -.552 |
| 210 | 117 | -.314 | .043 | -.161 | -.461 | 210 | 167 | -.225 | .132 | .065 | -.846 | 210 | 239 | -.692 | .183 | -.181 | -1.449 |
| 210 | 118 | -.305 | .043 | -.180 | -.443 | 210 | 168 | -.291 | .147 | -.065 | -.851 | 210 | 240 | -.690 | .178 | -.199 | -1.478 |
| 210 | 119 | -.416 | .071 | -.191 | -.728 | 210 | 169 | -.252 | .148 | .062 | -.866 | 210 | 241 | -.565 | .178 | -.180 | -1.252 |
| 210 | 120 | -.412 | .067 | -.209 | -.788 | 210 | 170 | -.527 | .116 | -.149 | -.977 | 210 | 242 | -.548 | .159 | -.176 | -1.400 |
| 210 | 121 | -.396 | .064 | -.215 | -.837 | 210 | 171 | -.558 | .122 | -.245 | -1.017 | 210 | 243 | -.344 | .122 | .017 | -.907 |
| 210 | 122 | -.388 | .058 | -.218 | -.719 | 210 | 172 | -.550 | .120 | -.223 | -1.002 | 210 | 244 | -.148 | .049 | .007 | -.343 |
| 210 | 123 | -.378 | .061 | -.219 | -.705 | 210 | 173 | -.453 | .128 | -.083 | -.926 | 210 | 245 | -.157 | .056 | .015 | -.416 |
| 210 | 124 | -.391 | .067 | -.219 | -.791 | 210 | 174 | -.470 | .112 | -.190 | -.912 | 210 | 246 | -.149 | .055 | .011 | -.455 |
| 210 | 125 | -.471 | .088 | -.233 | -.990 | 210 | 175 | -.418 | .111 | -.086 | -.870 | 210 | 247 | -.135 | .045 | .059 | -.302 |
| 210 | 126 | -.446 | .084 | -.236 | -.937 | 210 | 176 | -.450 | .106 | -.184 | -.863 | 210 | 248 | -.137 | .059 | .049 | -.460 |
| 210 | 127 | -.440 | .094 | -.228 | -1.004 | 210 | 177 | -.399 | .117 | -.105 | -.875 | 210 | 249 | -.139 | .055 | .065 | -.416 |
| 210 | 128 | -.432 | .089 | -.229 | -1.392 | 210 | 178 | -.430 | .119 | -.096 | -.896 | 210 | 250 | -.751 | .137 | -.312 | -1.240 |
| 210 | 129 | -.413 | .074 | -.230 | -.839 | 210 | 201 | -.354 | .054 | -.185 | -.562 | 210 | 251 | -.674 | .135 | -.307 | -1.180 |
| 210 | 130 | -.406 | .068 | -.243 | -.730 | 210 | 202 | -.339 | .052 | -.174 | -.565 | 210 | 252 | -.652 | .127 | -.260 | -1.187 |
| 210 | 131 | -.491 | .095 | -.236 | -.985 | 210 | 203 | -.364 | .056 | -.123 | -.603 | 210 | 253 | -.600 | .106 | -.291 | -1.026 |
| 210 | 132 | -.519 | .105 | -.242 | -1.077 | 210 | 204 | -.350 | .064 | -.140 | -.642 | 210 | 254 | -.516 | .103 | -.190 | -.912 |
| 210 | 133 | -.311 | .077 | -.054 | -.668 | 210 | 205 | -.304 | .071 | -.105 | -.737 | 210 | 255 | -.584 | .130 | -.270 | -1.221 |
| 210 | 134 | -.319 | .082 | -.034 | -.620 | 210 | 206 | -.318 | .080 | -.103 | -.841 | 210 | 256 | -.580 | .130 | -.251 | -1.111 |
| 210 | 135 | -.368 | .080 | -.108 | -.686 | 210 | 207 | -.324 | .044 | -.157 | -.500 | 210 | 257 | -.574 | .118 | -.228 | -1.000 |
| 210 | 136 | -.378 | .080 | -.169 | -.749 | 210 | 208 | -.331 | .043 | -.186 | -.512 | 210 | 258 | -.410 | .116 | -.142 | -.951 |
| 210 | 137 | -.455 | .098 | -.188 | -.948 | 210 | 209 | -.337 | .046 | -.188 | -.583 | 210 | 259 | -.261 | .084 | .003 | -.731 |
| 210 | 138 | -.511 | .121 | -.175 | -1.159 | 210 | 210 | -.329 | .055 | -.152 | -.596 | 210 | 260 | -.323 | .096 | -.025 | -.655 |
| 210 | 139 | -.560 | .080 | -.346 | -.906 | 210 | 211 | -.327 | .069 | -.105 | -.704 | 210 | 261 | -.302 | .101 | .057 | -.668 |
| 210 | 140 | -.694 | .135 | -.233 | -1.310 | 210 | 212 | -.335 | .077 | -.098 | -.804 | 210 | 262 | -.625 | .132 | -.206 | -1.096 |
| 210 | 141 | -.168 | .054 | .020 | -.385 | 210 | 213 | -.333 | .045 | -.190 | -.481 | 210 | 263 | -.618 | .136 | -.203 | -1.099 |
| 210 | 142 | -.174 | .055 | .003 | -.379 | 210 | 214 | -.328 | .040 | -.188 | -.465 | 210 | 264 | -.601 | .149 | -.123 | -1.095 |
| 210 | 143 | -.232 | .042 | -.093 | -.440 | 210 | 215 | -.348 | .042 | -.206 | -.505 | 210 | 265 | -.515 | .132 | -.161 | -.934 |
| 210 | 144 | -.362 | .070 | -.172 | -.693 | 210 | 216 | -.358 | .044 | -.206 | -.596 | 210 | 266 | -.459 | .141 | -.094 | -.927 |
| 210 | 145 | -.527 | .110 | -.248 | -.917 | 210 | 217 | -.356 | .049 | -.188 | -.657 | 210 | 267 | -.471 | .138 | -.027 | -.947 |
| 210 | 146 | -.564 | .131 | -.235 | -1.127 | 210 | 218 | -.360 | .058 | -.161 | -.691 | 210 | 268 | -.473 | .114 | -.098 | -.977 |
| 210 | 147 | -.155 | .053 | .032 | -.399 | 210 | 219 | -.367 | .054 | -.216 | -.569 | 210 | 269 | -.278 | .102 | -.083 | -.798 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 210 | 270 | -.274 | .099 | -.099 | -.835 | 210 | 341 | -.593 | .110 | -.214 | -1.022 | 210 | 391 | .149 | .073 | .492 | -.027 |
| 210 | 271 | -.279 | .066 | -.130 | -.543 | 210 | 342 | -.574 | .109 | -.184 | -.974 | 210 | 392 | -.105 | .069 | .170 | -.343 |
| 210 | 272 | -.255 | .085 | -.048 | -.825 | 210 | 343 | -.246 | .123 | .352 | -.687 | 210 | 393 | -.250 | .093 | .045 | -.603 |
| 210 | 273 | -.188 | .074 | .032 | -.698 | 210 | 344 | -.024 | .118 | .368 | -.480 | 210 | 394 | .210 | .076 | .601 | -.006 |
| 210 | 274 | -.176 | .070 | .040 | -.617 | 210 | 345 | -.316 | .103 | .037 | -.746 | 210 | 395 | .228 | .075 | .607 | .027 |
| 210 | 275 | -.280 | .102 | -.079 | -.702 | 210 | 346 | -.229 | .112 | .213 | -.705 | 210 | 396 | .268 | .094 | .661 | .055 |
| 210 | 276 | -.299 | .100 | -.108 | -.700 | 210 | 347 | .475 | .128 | .831 | .138 | 210 | 397 | .076 | .091 | .415 | -.324 |
| 210 | 277 | -.278 | .057 | -.133 | -.535 | 210 | 348 | .417 | .137 | .838 | .062 | 210 | 398 | .110 | .075 | .363 | -.265 |
| 210 | 278 | -.210 | .049 | -.037 | -.455 | 210 | 349 | .387 | .115 | .724 | -.233 | 210 | 399 | .052 | .068 | .295 | -.169 |
| 210 | 279 | -.139 | .046 | .044 | -.309 | 210 | 350 | .256 | .111 | .557 | -.367 | 210 | 400 | .004 | .050 | .209 | -.189 |
| 210 | 280 | -.145 | .047 | .022 | -.385 | 210 | 351 | -.033 | .103 | .288 | -.535 | 210 | 401 | -.075 | .052 | .153 | -.255 |
| 210 | 301 | .421 | .117 | .771 | .059 | 210 | 352 | -.261 | .093 | .020 | -.714 | 210 | 402 | -.141 | .055 | .089 | -.377 |
| 210 | 302 | .347 | .104 | .699 | .012 | 210 | 353 | .444 | .132 | .880 | .078 | 210 | 403 | .105 | .087 | .414 | -.229 |
| 210 | 303 | .187 | .085 | .443 | -.103 | 210 | 354 | .431 | .129 | .815 | .113 | 210 | 404 | .123 | .089 | .460 | -.197 |
| 210 | 304 | .094 | .074 | .337 | -.168 | 210 | 355 | .402 | .127 | .824 | -.033 | 210 | 405 | .114 | .056 | .310 | -.048 |
| 210 | 305 | -.034 | .060 | .155 | -.276 | 210 | 356 | .392 | .123 | .810 | .074 | 210 | 406 | .022 | .042 | .196 | -.086 |
| 210 | 306 | -.153 | .047 | .005 | -.365 | 210 | 357 | .341 | .100 | .643 | .083 | 210 | 407 | -.095 | .037 | .046 | -.242 |
| 210 | 307 | .511 | .132 | .888 | .051 | 210 | 358 | .176 | .081 | .477 | -.058 | 210 | 408 | -.159 | .046 | -.026 | -.346 |
| 210 | 308 | .480 | .125 | .826 | .077 | 210 | 359 | -.117 | .071 | .174 | -.355 | 210 | 501 | -.196 | .037 | -.051 | -.317 |
| 210 | 309 | .335 | .101 | .625 | -.016 | 210 | 360 | -.292 | .081 | .002 | -.595 | 210 | 502 | -.166 | .038 | -.016 | -.290 |
| 210 | 310 | .229 | .082 | .511 | -.036 | 210 | 361 | .366 | .126 | .829 | .053 | 210 | 503 | -.087 | .044 | .081 | -.255 |
| 210 | 311 | .025 | .057 | .256 | -.154 | 210 | 362 | .378 | .125 | .805 | .077 | 210 | 504 | -.031 | .053 | .147 | -.212 |
| 210 | 312 | -.135 | .040 | .036 | -.252 | 210 | 363 | .320 | .107 | .724 | .047 | 210 | 505 | .014 | .159 | .429 | -.604 |
| 210 | 313 | .607 | .128 | .962 | .210 | 210 | 364 | .149 | .079 | .458 | -.062 | 210 | 506 | -.104 | .187 | .402 | -.759 |
| 210 | 314 | .606 | .123 | .960 | .235 | 210 | 365 | -.379 | .106 | -.063 | -.814 | 210 | 507 | -.149 | .034 | .008 | -.272 |
| 210 | 315 | .500 | .103 | .803 | .157 | 210 | 366 | -.374 | .111 | -.032 | -.783 | 210 | 508 | -.152 | .037 | -.015 | -.275 |
| 210 | 316 | .325 | .080 | .580 | .034 | 210 | 367 | -.418 | .113 | -.072 | -.810 | 210 | 509 | -.006 | .050 | .189 | -.180 |
| 210 | 317 | .024 | .053 | .220 | -.140 | 210 | 368 | -.572 | .146 | -.133 | -1.166 | 210 | 510 | .080 | .064 | .276 | -.135 |
| 210 | 318 | -.183 | .037 | -.063 | -.296 | 210 | 369 | -.470 | .128 | -.110 | -.911 | 210 | 511 | .097 | .172 | .583 | -.627 |
| 210 | 319 | .538 | .137 | .937 | .132 | 210 | 370 | -.501 | .120 | -.139 | -.995 | 210 | 512 | -.139 | .235 | .488 | -.918 |
| 210 | 320 | .540 | .131 | .933 | .190 | 210 | 371 | -.493 | .161 | .170 | -1.101 | 210 | 513 | -.210 | .031 | -.081 | -.333 |
| 210 | 321 | .439 | .109 | .778 | .117 | 210 | 372 | -.505 | .133 | -.145 | -1.105 | 210 | 514 | -.135 | .033 | .002 | -.239 |
| 210 | 322 | .265 | .083 | .535 | .041 | 210 | 373 | -.380 | .159 | .237 | -.899 | 210 | 515 | .065 | .057 | .255 | -.102 |
| 210 | 323 | -.030 | .054 | .182 | -.185 | 210 | 374 | .333 | .114 | .814 | -.030 | 210 | 516 | .205 | .081 | .483 | -.006 |
| 210 | 324 | -.204 | .047 | -.011 | -.352 | 210 | 375 | .320 | .109 | .775 | -.070 | 210 | 517 | .167 | .210 | .662 | -.479 |
| 210 | 325 | .507 | .143 | .890 | .065 | 210 | 376 | .279 | .104 | .722 | -.257 | 210 | 518 | .128 | .193 | .824 | -.531 |
| 210 | 326 | .518 | .134 | .863 | .112 | 210 | 377 | .154 | .108 | .577 | -.401 | 210 | 519 | -.254 | .089 | -.116 | -.375 |
| 210 | 327 | .506 | .140 | .874 | .075 | 210 | 378 | -.063 | .108 | .292 | -.566 | 210 | 520 | -.188 | .041 | -.043 | -.335 |
| 210 | 328 | .510 | .137 | .943 | .097 | 210 | 379 | -.248 | .108 | .054 | -.851 | 210 | 521 | .049 | .051 | .228 | -.077 |
| 210 | 329 | .444 | .137 | .830 | .045 | 210 | 380 | .325 | .117 | .710 | .013 | 210 | 522 | .191 | .077 | .457 | -.011 |
| 210 | 330 | .479 | .133 | .824 | .054 | 210 | 381 | .323 | .112 | .702 | .045 | 210 | 523 | .185 | .195 | .625 | -.415 |
| 210 | 331 | .404 | .119 | .809 | .095 | 210 | 382 | .284 | .108 | .708 | -.045 | 210 | 524 | .146 | .192 | .651 | -.418 |
| 210 | 332 | .200 | .088 | .504 | -.046 | 210 | 383 | .283 | .101 | .634 | -.025 | 210 | 525 | .176 | .189 | .612 | -.464 |
| 210 | 333 | -.416 | .097 | -.065 | -.781 | 210 | 384 | .231 | .084 | .551 | .030 | 210 | 526 | .126 | .194 | .664 | -.498 |
| 210 | 334 | -.410 | .087 | -.081 | -.715 | 210 | 385 | .137 | .070 | .400 | -.021 | 210 | 527 | .173 | .183 | .665 | -.512 |
| 210 | 336 | -.625 | .138 | -.214 | -1.054 | 210 | 386 | -.088 | .067 | .162 | -.314 | 210 | 528 | .135 | .188 | .754 | -.470 |
| 210 | 337 | -.429 | .079 | -.179 | -.701 | 210 | 387 | -.229 | .082 | .036 | -.498 | 210 | 529 | -.408 | .069 | -.223 | -.718 |
| 210 | 338 | -.600 | .115 | -.260 | -1.038 | 210 | 388 | .229 | .090 | .600 | -.072 | 210 | 530 | -.442 | .088 | -.198 | -.757 |
| 210 | 339 | -.604 | .137 | -.053 | -1.107 | 210 | 389 | .236 | .087 | .568 | -.060 | 210 | 531 | -.363 | .085 | -.114 | -.673 |
| 210 | 340 | -.601 | .112 | -.216 | -1.044 | 210 | 390 | .235 | .084 | .586 | .002 | 210 | 532 | .028 | .056 | .245 | -.144 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 210 | 533 | .175 | .078 | .440 | -.039 | 210 | 583 | .221 | .102 | .567 | -.184 | 210 | 733 | -.635 | .145 | -.290 | -1.214 |
| 210 | 534 | .237 | .140 | .622 | -.328 | 210 | 584 | .179 | .129 | .631 | -.386 | 210 | 734 | -.506 | .131 | -.157 | -1.003 |
| 210 | 535 | .173 | .109 | .718 | -.650 | 210 | 585 | -.194 | .071 | .041 | -.476 | 210 | 735 | .102 | .098 | .477 | -.365 |
| 210 | 536 | -.450 | .094 | -.137 | -.771 | 210 | 586 | -.089 | .059 | .127 | -.297 | 210 | 736 | -.255 | .081 | -.108 | -.607 |
| 210 | 537 | -.542 | .133 | -.080 | -.964 | 210 | 587 | .073 | .044 | .279 | -.058 | 210 | 901 | .237 | .130 | .687 | -.154 |
| 210 | 538 | -.546 | .107 | -.280 | -.919 | 210 | 588 | .143 | .049 | .369 | .025 | 210 | 902 | .202 | .112 | .536 | -.154 |
| 210 | 539 | -.517 | .088 | -.282 | -.865 | 210 | 589 | .149 | .091 | .431 | -.308 | 210 | 903 | .081 | .067 | .391 | -.090 |
| 210 | 540 | -.474 | .117 | .075 | -.906 | 210 | 590 | .134 | .109 | .474 | -.269 | 210 | 904 | -.177 | .067 | .036 | -.566 |
| 210 | 541 | -.486 | .112 | .028 | -.908 | 210 | 591 | -.205 | .075 | .008 | -.484 | 210 | 905 | -.242 | .067 | .009 | -.488 |
| 210 | 542 | -.506 | .101 | -.027 | -.896 | 210 | 592 | -.102 | .059 | .072 | -.280 | 210 | 906 | -.132 | .070 | .129 | -.396 |
| 210 | 543 | -.085 | .134 | .348 | -.600 | 210 | 593 | .071 | .044 | .267 | -.056 | 210 | 907 | -.159 | .048 | .092 | -.304 |
| 210 | 544 | -.270 | .129 | .177 | -.840 | 210 | 594 | .152 | .051 | .384 | .033 | 210 | 908 | -.356 | .076 | -.131 | -.604 |
| 210 | 545 | -.124 | .165 | .276 | -.747 | 210 | 595 | .140 | .068 | .391 | -.175 | 210 | 909 | -.180 | .075 | .102 | -.498 |
| 210 | 546 | -.225 | .140 | .136 | -.713 | 210 | 596 | .138 | .077 | .542 | -.229 | 210 | 910 | -.188 | .068 | .049 | -.500 |
| 210 | 547 | -.054 | .145 | .395 | -.610 | 210 | 597 | .297 | .113 | .816 | .059 | 210 | 911 | .080 | .065 | .352 | -.106 |
| 210 | 548 | -.190 | .150 | .179 | -.778 | 210 | 598 | .253 | .102 | .754 | -.039 | 210 | 912 | .071 | .061 | .339 | -.125 |
| 210 | 549 | -.270 | .071 | -.050 | -.528 | 210 | 599 | .291 | .108 | .789 | .063 | 210 | 913 | .156 | .073 | .475 | -.036 |
| 210 | 550 | -.118 | .066 | .080 | -.369 | 210 | 600 | .247 | .081 | .550 | .044 | 210 | 914 | .225 | .082 | .534 | .013 |
| 210 | 551 | .072 | .068 | .308 | -.327 | 210 | 701 | -.166 | .052 | -.009 | -.401 | 210 | 915 | .213 | .085 | .558 | -.034 |
| 210 | 552 | .183 | .091 | .469 | -.241 | 210 | 702 | -.332 | .088 | -.110 | -1.094 | 210 | 916 | .223 | .088 | .591 | -.017 |
| 210 | 553 | .265 | .105 | .606 | -.101 | 210 | 703 | -.404 | .064 | -.220 | -.747 | 210 | 917 | .279 | .101 | .658 | .046 |
| 210 | 554 | .205 | .167 | .679 | -.465 | 210 | 704 | -.504 | .100 | -.239 | -1.192 | 210 | 918 | .165 | .083 | .503 | -.046 |
| 210 | 555 | .227 | .132 | .591 | -.438 | 210 | 705 | -.318 | .070 | -.081 | -.599 | 210 | 919 | .172 | .084 | .505 | -.044 |
| 210 | 556 | .183 | .164 | .628 | -.555 | 210 | 706 | -.157 | .057 | .080 | -.409 | 210 | 920 | .104 | .065 | .362 | -.062 |
| 210 | 557 | -.274 | .062 | -.085 | -.561 | 210 | 707 | -.321 | .050 | -.141 | -.504 | 210 | 921 | .066 | .066 | .342 | -.138 |
| 210 | 558 | -.160 | .052 | .029 | -.332 | 210 | 708 | -.341 | .047 | -.176 | -.532 | 210 | 922 | .155 | .072 | .419 | -.063 |
| 210 | 559 | .039 | .050 | .261 | -.119 | 210 | 709 | -.411 | .071 | -.233 | -.784 | 210 | 923 | .230 | .093 | .522 | -.125 |
| 210 | 560 | .160 | .067 | .412 | -.030 | 210 | 710 | -.538 | .112 | -.195 | -1.061 | 210 | 924 | .223 | .097 | .518 | -.125 |
| 210 | 561 | .190 | .147 | .589 | -.413 | 210 | 711 | -.656 | .201 | -.184 | -1.380 | 210 | 925 | .235 | .103 | .598 | -.250 |
| 210 | 562 | .171 | .162 | .630 | -.402 | 210 | 712 | -.558 | .126 | -.261 | -1.094 | 210 | 926 | .356 | .111 | .727 | .090 |
| 210 | 563 | -.411 | .084 | -.121 | -.740 | 210 | 713 | -.519 | .127 | -.242 | -1.154 | 210 | 927 | .223 | .091 | .558 | -.020 |
| 210 | 564 | -.401 | .093 | -.089 | -.700 | 210 | 714 | -.235 | .165 | .186 | -.797 | 210 | 928 | .261 | .093 | .589 | .019 |
| 210 | 565 | -.306 | .080 | -.066 | -.591 | 210 | 715 | -.556 | .119 | -.164 | -1.042 | 210 | 929 | -.431 | .080 | -.149 | -.723 |
| 210 | 566 | .034 | .059 | .314 | -.134 | 210 | 716 | -.421 | .114 | -.139 | -.953 | 210 | 930 | -.520 | .084 | -.228 | -.923 |
| 210 | 567 | .166 | .079 | .557 | -.035 | 210 | 717 | .342 | .164 | .731 | -.328 | 210 | 931 | -.523 | .072 | -.281 | -.832 |
| 210 | 568 | .183 | .126 | .593 | -.322 | 210 | 718 | .390 | .186 | .885 | -.364 | 210 | 932 | -.421 | .098 | -.012 | -.834 |
| 210 | 569 | .132 | .156 | .680 | -.384 | 210 | 719 | .325 | .176 | .829 | -.330 | 210 | 933 | -.527 | .076 | -.301 | -.800 |
| 210 | 570 | -.444 | .114 | .092 | -.795 | 210 | 720 | .373 | .162 | .819 | -.306 | 210 | 934 | -.275 | .105 | .059 | -.619 |
| 210 | 571 | -.501 | .125 | -.128 | -.931 | 210 | 721 | .280 | .155 | .746 | -.250 | 210 | 935 | -.398 | .081 | -.024 | -.779 |
| 210 | 572 | -.479 | .145 | .067 | -.895 | 210 | 722 | .276 | .122 | .708 | -.197 | 210 | 936 | -.518 | .075 | -.299 | -.818 |
| 210 | 573 | -.484 | .110 | -.111 | -.861 | 210 | 723 | .213 | .105 | .614 | -.195 | 210 | 937 | -.231 | .060 | -.002 | -.474 |
| 210 | 574 | -.440 | .171 | .186 | -.974 | 210 | 724 | .152 | .084 | .473 | -.221 | 210 | 938 | -.451 | .082 | -.142 | -.734 |
| 210 | 575 | -.444 | .109 | -.100 | -.900 | 210 | 725 | -.334 | .047 | -.180 | -.490 | 210 | 939 | -.519 | .073 | -.281 | -.853 |
| 210 | 576 | -.415 | .127 | -.072 | -.968 | 210 | 726 | -.337 | .045 | -.189 | -.507 | 210 | 940 | -.199 | .072 | .033 | -.434 |
| 210 | 577 | -.232 | .079 | .020 | -.609 | 210 | 727 | -.458 | .084 | -.240 | -.875 | 210 | 941 | -.461 | .073 | -.142 | -.708 |
| 210 | 578 | -.110 | .066 | .123 | -.462 | 210 | 728 | -.577 | .111 | -.218 | -1.056 | 210 | 942 | -.477 | .076 | -.240 | -.932 |
| 210 | 579 | .086 | .065 | .396 | -.191 | 210 | 729 | -.429 | .095 | -.165 | -.845 | 220 | 101 | -.330 | .078 | -.099 | -1.004 |
| 210 | 580 | .167 | .080 | .468 | -.136 | 210 | 730 | -.833 | .204 | -.367 | -1.799 | 220 | 102 | -.339 | .072 | -.127 | -.880 |
| 210 | 581 | .223 | .090 | .538 | -.073 | 210 | 731 | -.532 | .108 | -.254 | -1.007 | 220 | 103 | -.334 | .054 | -.123 | -.628 |
| 210 | 582 | .196 | .130 | .568 | -.448 | 210 | 732 | -.350 | .131 | .047 | -.910 | 220 | 104 | -.351 | .053 | -.142 | -.583 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 220 | 105 | -.341 | .047 | -.184 | -.505 | 220 | 155 | -.204 | .057 | -.024 | -.438 | 220 | 227 | -.492 | .098 | -.293 | -1.137 |
| 220 | 106 | -.331 | .047 | -.172 | -.500 | 220 | 156 | -.199 | .053 | -.021 | -.418 | 220 | 228 | -.472 | .078 | -.280 | -.946 |
| 220 | 107 | -.344 | .075 | -.145 | -.907 | 220 | 157 | -.505 | .101 | -.189 | -.858 | 220 | 229 | -.469 | .091 | -.270 | -.881 |
| 220 | 108 | -.341 | .062 | -.143 | -.642 | 220 | 158 | -.541 | .121 | -.208 | -.986 | 220 | 230 | -.491 | .100 | -.267 | -.983 |
| 220 | 109 | -.338 | .053 | -.177 | -.542 | 220 | 159 | -.517 | .121 | -.141 | -.950 | 220 | 231 | -.616 | .133 | -.217 | -1.137 |
| 220 | 110 | -.316 | .046 | -.161 | -.529 | 220 | 160 | -.488 | .089 | -.170 | -.844 | 220 | 232 | -.612 | .120 | -.260 | -1.012 |
| 220 | 111 | -.331 | .047 | -.163 | -.512 | 220 | 161 | -.490 | .087 | -.238 | -.847 | 220 | 233 | -.595 | .104 | -.292 | -1.015 |
| 220 | 112 | -.329 | .047 | -.163 | -.500 | 220 | 162 | -.460 | .108 | -.163 | -.889 | 220 | 234 | -.571 | .102 | -.304 | -1.165 |
| 220 | 113 | -.381 | .061 | -.182 | -.686 | 220 | 163 | -.606 | .122 | -.229 | -1.169 | 220 | 235 | -.538 | .103 | -.232 | -1.076 |
| 220 | 114 | -.381 | .056 | -.198 | -.700 | 220 | 164 | -.644 | .158 | -.259 | -1.266 | 220 | 236 | -.444 | .079 | -.229 | -.731 |
| 220 | 115 | -.353 | .044 | -.188 | -.587 | 220 | 165 | -.134 | .066 | .102 | -.485 | 220 | 237 | -.335 | .065 | -.110 | -.596 |
| 220 | 116 | -.348 | .043 | -.224 | -.567 | 220 | 166 | -.224 | .072 | -.052 | -.682 | 220 | 238 | -.331 | .071 | -.083 | -.633 |
| 220 | 117 | -.323 | .044 | -.182 | -.503 | 220 | 167 | -.127 | .065 | .117 | -.510 | 220 | 239 | -.657 | .154 | -.193 | -1.386 |
| 220 | 118 | -.321 | .041 | -.196 | -.450 | 220 | 168 | -.177 | .056 | .008 | -.676 | 220 | 240 | -.649 | .146 | -.229 | -1.392 |
| 220 | 119 | -.444 | .074 | -.243 | -.750 | 220 | 169 | -.153 | .073 | .130 | -.661 | 220 | 241 | -.640 | .182 | -.239 | -1.534 |
| 220 | 120 | -.443 | .068 | -.247 | -.756 | 220 | 170 | -.409 | .129 | .011 | -.860 | 220 | 242 | -.598 | .176 | -.185 | -1.339 |
| 220 | 121 | -.412 | .057 | -.233 | -.669 | 220 | 171 | -.447 | .126 | -.034 | -.971 | 220 | 243 | -.347 | .107 | -.007 | -.851 |
| 220 | 122 | -.412 | .052 | -.241 | -.582 | 220 | 172 | -.463 | .113 | -.171 | -.941 | 220 | 244 | -.189 | .051 | -.007 | -.419 |
| 220 | 123 | -.400 | .056 | -.210 | -.581 | 220 | 173 | -.329 | .090 | -.009 | -.668 | 220 | 245 | -.199 | .059 | -.012 | -.443 |
| 220 | 124 | -.417 | .064 | -.226 | -.656 | 220 | 174 | -.349 | .096 | -.108 | -.761 | 220 | 246 | -.187 | .055 | .001 | -.456 |
| 220 | 125 | -.497 | .102 | -.238 | -1.318 | 220 | 175 | -.317 | .084 | -.016 | -.807 | 220 | 247 | -.170 | .053 | .010 | -.393 |
| 220 | 126 | -.470 | .092 | -.257 | -1.078 | 220 | 176 | -.350 | .087 | -.054 | -.876 | 220 | 248 | -.199 | .061 | -.016 | -.432 |
| 220 | 127 | -.450 | .077 | -.268 | -.921 | 220 | 177 | -.282 | .080 | -.017 | -.658 | 220 | 249 | -.181 | .058 | .003 | -.414 |
| 220 | 128 | -.421 | .065 | -.254 | -.852 | 220 | 178 | -.316 | .091 | -.021 | -.866 | 220 | 250 | -.702 | .128 | -.347 | -1.206 |
| 220 | 129 | -.416 | .058 | -.233 | -.731 | 220 | 201 | -.345 | .050 | -.194 | -.561 | 220 | 251 | -.717 | .132 | -.340 | -1.276 |
| 220 | 130 | -.407 | .054 | -.255 | -.686 | 220 | 202 | -.342 | .049 | -.189 | -.578 | 220 | 252 | -.698 | .117 | -.365 | -1.194 |
| 220 | 131 | -.499 | .085 | -.247 | -.894 | 220 | 203 | -.347 | .053 | -.144 | -.539 | 220 | 253 | -.616 | .108 | -.316 | -1.120 |
| 220 | 132 | -.533 | .089 | -.241 | -.930 | 220 | 204 | -.332 | .058 | -.141 | -.614 | 220 | 254 | -.590 | .104 | -.320 | -1.058 |
| 220 | 133 | -.337 | .068 | -.124 | -.572 | 220 | 205 | -.288 | .060 | -.098 | -.549 | 220 | 255 | -.636 | .123 | -.342 | -1.347 |
| 220 | 134 | -.325 | .075 | -.106 | -.627 | 220 | 206 | -.309 | .069 | -.103 | -.850 | 220 | 256 | -.670 | .120 | -.386 | -1.269 |
| 220 | 135 | -.368 | .070 | -.193 | -.714 | 220 | 207 | -.325 | .047 | -.149 | -.500 | 220 | 257 | -.619 | .105 | -.346 | -1.038 |
| 220 | 136 | -.368 | .070 | -.166 | -.683 | 220 | 208 | -.331 | .046 | -.156 | -.509 | 220 | 258 | -.489 | .120 | -.201 | -1.295 |
| 220 | 137 | -.494 | .095 | -.242 | -.837 | 220 | 209 | -.339 | .046 | -.151 | -.510 | 220 | 259 | -.386 | .091 | -.011 | -.787 |
| 220 | 138 | -.540 | .130 | -.184 | -1.112 | 220 | 210 | -.325 | .053 | -.161 | -.604 | 220 | 260 | -.365 | .102 | -.073 | -.754 |
| 220 | 139 | -.606 | .067 | -.382 | -.851 | 220 | 211 | -.323 | .065 | -.115 | -.771 | 220 | 261 | -.323 | .113 | .095 | -.734 |
| 220 | 140 | -.755 | .122 | -.312 | -1.267 | 220 | 212 | -.327 | .069 | -.110 | -.795 | 220 | 262 | -.712 | .136 | -.368 | -1.303 |
| 220 | 141 | -.185 | .053 | .002 | -.350 | 220 | 213 | -.342 | .039 | -.208 | -.467 | 220 | 263 | -.701 | .138 | -.368 | -1.266 |
| 220 | 142 | -.203 | .053 | -.027 | -.385 | 220 | 214 | -.333 | .040 | -.204 | -.468 | 220 | 264 | -.711 | .127 | -.337 | -1.223 |
| 220 | 143 | -.242 | .033 | -.121 | -.360 | 220 | 215 | -.357 | .041 | -.239 | -.512 | 220 | 265 | -.632 | .113 | -.253 | -1.072 |
| 220 | 144 | -.394 | .074 | -.180 | -.800 | 220 | 216 | -.364 | .043 | -.234 | -.553 | 220 | 266 | -.606 | .120 | -.214 | -1.030 |
| 220 | 145 | -.549 | .100 | -.277 | -.990 | 220 | 217 | -.352 | .052 | -.155 | -.567 | 220 | 267 | -.589 | .120 | -.244 | -1.063 |
| 220 | 146 | -.582 | .111 | -.295 | -1.212 | 220 | 218 | -.359 | .054 | -.163 | -.618 | 220 | 268 | -.564 | .121 | -.197 | -1.073 |
| 220 | 147 | -.188 | .054 | .002 | -.406 | 220 | 219 | -.379 | .046 | -.234 | -.598 | 220 | 269 | -.259 | .069 | -.121 | -.584 |
| 220 | 148 | -.202 | .047 | -.025 | -.399 | 220 | 220 | -.387 | .048 | -.224 | -.553 | 220 | 270 | -.259 | .069 | -.137 | -.587 |
| 220 | 149 | -.219 | .046 | -.053 | -.389 | 220 | 221 | -.387 | .048 | -.251 | -.668 | 220 | 271 | -.276 | .063 | -.117 | -.559 |
| 220 | 150 | -.336 | .066 | -.124 | -.586 | 220 | 222 | -.379 | .049 | -.229 | -.635 | 220 | 272 | -.286 | .098 | -.030 | -.991 |
| 220 | 151 | -.548 | .090 | -.303 | -.981 | 220 | 223 | -.406 | .054 | -.237 | -.646 | 220 | 273 | -.234 | .079 | .040 | -.892 |
| 220 | 152 | -.663 | .122 | -.345 | -1.292 | 220 | 224 | -.418 | .058 | -.234 | -.639 | 220 | 274 | -.222 | .073 | .005 | -.706 |
| 220 | 153 | -.218 | .061 | -.049 | -.488 | 220 | 225 | -.454 | .073 | -.251 | -.778 | 220 | 275 | -.262 | .086 | -.110 | -.693 |
| 220 | 154 | -.199 | .053 | -.049 | -.444 | 220 | 226 | -.445 | .078 | -.267 | -.867 | 220 | 276 | -.273 | .088 | -.127 | -.861 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 220 | 277 | -.292 | .061 | -.148 | -.627 | 220 | 348 | .346 | .125 | .741 | .007 | 220 | 398 | -.062 | .110 | .318 | -.539 |
| 220 | 278 | -.242 | .049 | -.060 | -.448 | 220 | 349 | .244 | .120 | .653 | -.265 | 220 | 399 | -.057 | .075 | .280 | -.376 |
| 220 | 279 | -.168 | .052 | .014 | -.373 | 220 | 350 | .102 | .099 | .379 | -.314 | 220 | 400 | -.091 | .052 | .268 | -.288 |
| 220 | 280 | -.178 | .053 | -.013 | -.404 | 220 | 351 | -.174 | .093 | .090 | -.634 | 220 | 401 | -.143 | .052 | .106 | -.360 |
| 220 | 301 | .316 | .115 | .643 | -.219 | 220 | 352 | -.358 | .089 | -.050 | -.816 | 220 | 402 | -.190 | .051 | -.028 | -.405 |
| 220 | 302 | .236 | .105 | .545 | -.179 | 220 | 353 | .331 | .160 | .726 | -.298 | 220 | 403 | -.108 | .126 | .304 | -.651 |
| 220 | 303 | .087 | .078 | .336 | -.156 | 220 | 354 | .334 | .129 | .697 | -.156 | 220 | 404 | -.072 | .107 | .339 | -.467 |
| 220 | 304 | -.005 | .059 | .204 | -.185 | 220 | 355 | .246 | .187 | .736 | -.473 | 220 | 405 | .001 | .052 | .250 | -.143 |
| 220 | 305 | -.110 | .048 | .062 | -.291 | 220 | 356 | .260 | .146 | .664 | -.296 | 220 | 406 | -.062 | .040 | .140 | -.208 |
| 220 | 306 | -.202 | .042 | -.052 | -.371 | 220 | 357 | .197 | .103 | .563 | -.069 | 220 | 407 | -.145 | .042 | .017 | -.310 |
| 220 | 307 | .423 | .127 | .791 | -.107 | 220 | 358 | .044 | .074 | .376 | -.156 | 220 | 408 | -.206 | .054 | -.045 | -.418 |
| 220 | 308 | .375 | .108 | .699 | -.006 | 220 | 359 | -.227 | .056 | .006 | -.463 | 220 | 501 | -.171 | .040 | -.026 | -.322 |
| 220 | 309 | .218 | .080 | .451 | -.016 | 220 | 360 | -.389 | .071 | -.191 | -.654 | 220 | 502 | -.085 | .059 | .212 | -.281 |
| 220 | 310 | .102 | .073 | .358 | -.106 | 220 | 361 | .201 | .154 | .648 | -.422 | 220 | 503 | -.024 | .059 | .228 | -.231 |
| 220 | 311 | -.066 | .047 | .169 | -.206 | 220 | 362 | .225 | .135 | .643 | -.276 | 220 | 504 | .056 | .073 | .335 | -.206 |
| 220 | 312 | -.182 | .037 | -.020 | -.305 | 220 | 363 | .188 | .092 | .477 | -.048 | 220 | 505 | .251 | .103 | .568 | -.076 |
| 220 | 313 | .518 | .138 | .853 | -.010 | 220 | 364 | .036 | .068 | .308 | -.171 | 220 | 506 | .306 | .132 | .679 | -.205 |
| 220 | 314 | .497 | .120 | .843 | -.015 | 220 | 365 | -.494 | .120 | -.182 | -.985 | 220 | 507 | -.112 | .040 | .023 | -.269 |
| 220 | 315 | .361 | .090 | .654 | .087 | 220 | 366 | -.498 | .100 | -.056 | -.848 | 220 | 508 | -.062 | .047 | .143 | -.218 |
| 220 | 316 | .191 | .067 | .419 | -.012 | 220 | 367 | -.525 | .099 | -.090 | -.861 | 220 | 509 | .095 | .066 | .356 | -.109 |
| 220 | 317 | -.076 | .041 | .077 | -.200 | 220 | 368 | -.685 | .136 | -.334 | -1.225 | 220 | 510 | .211 | .080 | .492 | -.048 |
| 220 | 318 | -.241 | .036 | -.126 | -.361 | 220 | 369 | -.596 | .126 | -.215 | -1.000 | 220 | 511 | .417 | .118 | .740 | -.033 |
| 220 | 319 | .440 | .152 | .838 | -.132 | 220 | 370 | -.593 | .126 | -.268 | -1.036 | 220 | 512 | .424 | .168 | .796 | -.301 |
| 220 | 320 | .427 | .131 | .786 | -.108 | 220 | 371 | -.588 | .156 | -.011 | -1.133 | 220 | 513 | -.168 | .034 | -.023 | -.286 |
| 220 | 321 | .305 | .094 | .604 | .047 | 220 | 372 | -.601 | .135 | -.236 | -1.154 | 220 | 514 | -.061 | .042 | .100 | -.215 |
| 220 | 322 | .136 | .066 | .373 | -.064 | 220 | 373 | -.427 | .170 | .328 | -.936 | 220 | 515 | .176 | .071 | .410 | -.053 |
| 220 | 323 | -.121 | .040 | .122 | -.242 | 220 | 374 | .141 | .156 | .599 | -.495 | 220 | 516 | .338 | .098 | .623 | .055 |
| 220 | 324 | -.265 | .042 | -.086 | -.399 | 220 | 375 | .173 | .113 | .579 | -.371 | 220 | 517 | .460 | .142 | .832 | -.184 |
| 220 | 325 | .410 | .161 | .900 | -.234 | 220 | 376 | .093 | .130 | .531 | -.402 | 220 | 518 | .543 | .163 | 1.046 | -.104 |
| 220 | 326 | .410 | .132 | .804 | -.034 | 220 | 377 | -.028 | .119 | .357 | -.452 | 220 | 519 | -.215 | .043 | -.053 | -.365 |
| 220 | 327 | .403 | .165 | .828 | -.275 | 220 | 378 | -.243 | .119 | .085 | -.651 | 220 | 520 | -.105 | .053 | .090 | -.325 |
| 220 | 328 | .395 | .142 | .781 | -.258 | 220 | 379 | -.398 | .131 | -.069 | -1.108 | 220 | 521 | .179 | .075 | .435 | -.018 |
| 220 | 329 | .387 | .149 | .823 | -.189 | 220 | 380 | .106 | .169 | .682 | -.501 | 220 | 522 | .343 | .108 | .699 | .055 |
| 220 | 330 | .395 | .126 | .763 | -.022 | 220 | 381 | .148 | .126 | .638 | -.409 | 220 | 523 | .479 | .143 | .887 | -.068 |
| 220 | 331 | .265 | .099 | .579 | .035 | 220 | 382 | .045 | .151 | .613 | -.369 | 220 | 524 | .487 | .166 | .932 | -.166 |
| 220 | 332 | .087 | .071 | .345 | -.108 | 220 | 383 | .097 | .129 | .594 | -.371 | 220 | 525 | .477 | .130 | .841 | -.008 |
| 220 | 333 | -.504 | .095 | -.229 | -.890 | 220 | 384 | .098 | .076 | .525 | -.114 | 220 | 526 | .487 | .149 | .860 | -.014 |
| 220 | 334 | -.449 | .081 | -.225 | -.761 | 220 | 385 | .007 | .064 | .360 | -.138 | 220 | 527 | .459 | .132 | .916 | -.024 |
| 220 | 336 | -.673 | .127 | -.334 | -1.240 | 220 | 386 | -.216 | .063 | .016 | -.437 | 220 | 528 | .455 | .151 | .913 | -.057 |
| 220 | 337 | -.491 | .086 | -.266 | -.813 | 220 | 387 | -.352 | .078 | -.117 | -.665 | 220 | 529 | -.347 | .066 | -.163 | -.572 |
| 220 | 338 | -.609 | .105 | -.339 | -1.000 | 220 | 388 | .044 | .121 | .538 | -.388 | 220 | 530 | -.357 | .078 | -.136 | -.636 |
| 220 | 339 | -.641 | .110 | -.235 | -1.163 | 220 | 389 | .067 | .112 | .555 | -.380 | 220 | 531 | -.281 | .069 | -.014 | -.522 |
| 220 | 340 | -.636 | .107 | -.341 | -.997 | 220 | 390 | .113 | .083 | .491 | -.159 | 220 | 532 | .134 | .075 | .401 | -.147 |
| 220 | 341 | -.631 | .106 | -.353 | -.982 | 220 | 391 | .021 | .083 | .343 | -.222 | 220 | 533 | .290 | .106 | .638 | -.084 |
| 220 | 342 | -.612 | .103 | -.315 | -.980 | 220 | 392 | -.222 | .065 | .053 | -.450 | 220 | 534 | .431 | .127 | .835 | .006 |
| 220 | 343 | -.361 | .117 | .152 | -.771 | 220 | 393 | -.374 | .085 | -.128 | -.697 | 220 | 535 | .448 | .151 | .988 | -.071 |
| 220 | 344 | -.151 | .138 | .363 | -.664 | 220 | 394 | .092 | .094 | .486 | -.201 | 220 | 536 | -.410 | .079 | -.094 | -.697 |
| 220 | 345 | -.359 | .106 | .087 | -.791 | 220 | 395 | .116 | .087 | .477 | -.302 | 220 | 537 | -.515 | .114 | -.181 | -1.018 |
| 220 | 346 | -.259 | .120 | .126 | -.671 | 220 | 396 | .177 | .081 | .555 | -.055 | 220 | 538 | -.557 | .095 | -.134 | -.957 |
| 220 | 347 | .332 | .160 | .811 | -.382 | 220 | 397 | -.181 | .144 | .350 | -.786 | 220 | 539 | -.512 | .086 | -.268 | -.796 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 220 | 540 | -.442 | .151 | .243 | -.916 | 220 | 590 | .201 | .081 | .566 | -.128 | 220 | 904 | -.267 | .071 | -.045 | -.724 |
| 220 | 541 | -.480 | .142 | .162 | -.940 | 220 | 591 | -.108 | .057 | .107 | -.410 | 220 | 905 | -.301 | .075 | -.044 | -.581 |
| 220 | 542 | -.553 | .114 | -.132 | -.911 | 220 | 592 | .015 | .060 | .225 | -.203 | 220 | 906 | -.170 | .073 | .119 | -.428 |
| 220 | 543 | -.021 | .119 | .586 | -.423 | 220 | 593 | .188 | .075 | .479 | -.006 | 220 | 907 | -.192 | .053 | .016 | -.385 |
| 220 | 544 | -.177 | .097 | .289 | -.606 | 220 | 594 | .254 | .084 | .597 | .056 | 220 | 908 | -.382 | .073 | -.166 | -.692 |
| 220 | 545 | -.076 | .114 | .256 | -.542 | 220 | 595 | .222 | .075 | .575 | -.077 | 220 | 909 | -.216 | .069 | .015 | -.537 |
| 220 | 546 | -.165 | .086 | .155 | -.516 | 220 | 596 | .193 | .064 | .490 | -.004 | 220 | 910 | -.214 | .064 | .001 | -.452 |
| 220 | 547 | -.029 | .106 | .389 | -.463 | 220 | 597 | .202 | .096 | .674 | -.127 | 220 | 911 | .181 | .087 | .458 | -.074 |
| 220 | 548 | -.110 | .091 | .282 | -.594 | 220 | 598 | .204 | .097 | .725 | -.127 | 220 | 912 | .164 | .086 | .447 | -.059 |
| 220 | 549 | -.186 | .069 | .015 | -.566 | 220 | 599 | .195 | .079 | .572 | -.005 | 220 | 913 | .272 | .110 | .667 | -.067 |
| 220 | 550 | -.046 | .074 | .172 | -.434 | 220 | 600 | .140 | .077 | .567 | -.119 | 220 | 914 | .226 | .105 | .591 | -.158 |
| 220 | 551 | .190 | .096 | .471 | -.170 | 220 | 701 | -.209 | .059 | -.002 | -.509 | 220 | 915 | .217 | .102 | .572 | -.134 |
| 220 | 552 | .314 | .111 | .633 | -.162 | 220 | 702 | -.349 | .090 | -.143 | -.977 | 220 | 916 | .230 | .099 | .611 | -.078 |
| 220 | 553 | .386 | .125 | .762 | .056 | 220 | 703 | -.405 | .069 | -.184 | -.791 | 220 | 917 | .192 | .101 | .602 | -.098 |
| 220 | 554 | .379 | .138 | .792 | -.077 | 220 | 704 | -.516 | .114 | -.261 | -1.384 | 220 | 918 | .094 | .082 | .470 | -.146 |
| 220 | 555 | .398 | .136 | .827 | -.001 | 220 | 705 | -.347 | .062 | -.140 | -.572 | 220 | 919 | .091 | .082 | .470 | -.136 |
| 220 | 556 | .400 | .153 | .848 | -.101 | 220 | 706 | -.200 | .063 | .071 | -.475 | 220 | 920 | .213 | .083 | .550 | -.057 |
| 220 | 557 | -.190 | .063 | .007 | -.392 | 220 | 707 | -.338 | .050 | -.188 | -.508 | 220 | 921 | .155 | .081 | .467 | -.122 |
| 220 | 558 | -.075 | .061 | .133 | -.282 | 220 | 708 | -.359 | .047 | -.207 | -.532 | 220 | 922 | .289 | .098 | .603 | -.006 |
| 220 | 559 | .161 | .073 | .490 | -.020 | 220 | 709 | -.414 | .056 | -.259 | -.735 | 220 | 923 | .276 | .106 | .625 | -.182 |
| 220 | 560 | .282 | .098 | .684 | .052 | 220 | 710 | -.546 | .111 | -.222 | -1.143 | 220 | 924 | .277 | .105 | .616 | -.103 |
| 220 | 561 | .362 | .129 | .803 | -.005 | 220 | 711 | -.799 | .176 | -.288 | -1.533 | 220 | 925 | .280 | .097 | .634 | -.028 |
| 220 | 562 | .357 | .147 | .874 | -.077 | 220 | 712 | -.541 | .126 | -.205 | -1.062 | 220 | 926 | .248 | .094 | .591 | -.020 |
| 220 | 563 | -.318 | .098 | .035 | -.716 | 220 | 713 | -.560 | .151 | -.238 | -1.523 | 220 | 927 | .133 | .077 | .460 | -.086 |
| 220 | 564 | -.282 | .101 | .043 | -.675 | 220 | 714 | -.113 | .087 | .207 | -.415 | 220 | 928 | .167 | .080 | .518 | -.075 |
| 220 | 565 | -.187 | .085 | .094 | -.495 | 220 | 715 | -.496 | .126 | -.158 | -.934 | 220 | 929 | -.507 | .076 | -.220 | -.748 |
| 220 | 566 | .153 | .082 | .481 | -.070 | 220 | 716 | -.289 | .081 | -.067 | -.711 | 220 | 930 | -.555 | .085 | -.276 | -.849 |
| 220 | 567 | .269 | .110 | .703 | .001 | 220 | 717 | .503 | .121 | .950 | .078 | 220 | 931 | -.563 | .079 | -.275 | -.829 |
| 220 | 568 | .324 | .131 | .839 | .023 | 220 | 718 | .574 | .147 | .997 | -.177 | 220 | 932 | -.518 | .085 | -.155 | -.785 |
| 220 | 569 | .295 | .145 | .862 | -.111 | 220 | 719 | .441 | .157 | .947 | -.262 | 220 | 933 | -.569 | .077 | -.325 | -.901 |
| 220 | 570 | -.387 | .135 | .099 | -.899 | 220 | 720 | .426 | .154 | .860 | -.105 | 220 | 934 | -.421 | .097 | -.032 | -.785 |
| 220 | 571 | -.427 | .162 | .138 | -.960 | 220 | 721 | .279 | .159 | .789 | -.475 | 220 | 935 | -.422 | .097 | -.091 | -.817 |
| 220 | 572 | -.313 | .149 | .228 | -.923 | 220 | 722 | .210 | .145 | .740 | -.464 | 220 | 936 | -.580 | .084 | -.310 | -.940 |
| 220 | 573 | -.376 | .103 | -.094 | -.811 | 220 | 723 | .092 | .125 | .570 | -.383 | 220 | 937 | -.216 | .071 | -.019 | -.530 |
| 220 | 574 | -.280 | .152 | .297 | -.957 | 220 | 724 | .083 | .090 | .383 | -.295 | 220 | 938 | -.338 | .086 | -.103 | -.628 |
| 220 | 575 | -.370 | .093 | -.093 | -.803 | 220 | 725 | -.314 | .048 | -.140 | -.504 | 220 | 939 | -.535 | .078 | -.256 | -.848 |
| 220 | 576 | -.291 | .087 | .018 | -.709 | 220 | 726 | -.342 | .041 | -.220 | -.500 | 220 | 940 | -.102 | .063 | .082 | -.340 |
| 220 | 577 | -.132 | .089 | .130 | -.521 | 220 | 727 | -.427 | .077 | -.202 | -.766 | 220 | 941 | -.365 | .077 | -.112 | -.614 |
| 220 | 578 | -.005 | .088 | .300 | -.397 | 220 | 728 | -.610 | .108 | -.268 | -1.134 | 220 | 942 | -.462 | .076 | -.205 | -.863 |
| 220 | 579 | .158 | .098 | .575 | -.296 | 220 | 729 | -.440 | .090 | -.170 | -.791 | 230 | 101 | -.353 | .077 | -.147 | -.728 |
| 220 | 580 | .254 | .106 | .649 | -.266 | 220 | 730 | -.717 | .127 | -.347 | -1.372 | 230 | 102 | -.361 | .071 | -.140 | -.648 |
| 220 | 581 | .272 | .111 | .667 | -.028 | 220 | 731 | -.575 | .096 | -.312 | -.958 | 230 | 103 | -.343 | .055 | -.153 | -.522 |
| 220 | 582 | .271 | .118 | .711 | -.097 | 220 | 732 | -.388 | .139 | .004 | -.991 | 230 | 104 | -.332 | .051 | -.151 | -.493 |
| 220 | 583 | .251 | .104 | .599 | .017 | 220 | 733 | -.752 | .149 | -.336 | -1.278 | 230 | 105 | -.351 | .050 | -.203 | -.530 |
| 220 | 584 | .267 | .110 | .683 | -.107 | 220 | 734 | -.621 | .127 | -.324 | -1.173 | 230 | 106 | -.337 | .047 | -.140 | -.500 |
| 220 | 585 | -.086 | .070 | .147 | -.362 | 220 | 735 | -.041 | .098 | .428 | -.369 | 230 | 107 | -.358 | .073 | -.163 | -.965 |
| 220 | 586 | .023 | .069 | .278 | -.201 | 220 | 736 | -.241 | .070 | -.071 | -.653 | 230 | 108 | -.352 | .063 | -.175 | -.747 |
| 220 | 587 | .173 | .076 | .536 | -.033 | 220 | 901 | -.004 | .172 | .576 | -.578 | 230 | 109 | -.326 | .050 | -.145 | -.560 |
| 220 | 588 | .230 | .077 | .579 | .047 | 220 | 902 | -.041 | .156 | .451 | -.599 | 230 | 110 | -.311 | .047 | -.165 | -.473 |
| 220 | 589 | .218 | .080 | .589 | -.097 | 220 | 903 | -.053 | .063 | .218 | -.218 | 230 | 111 | -.337 | .047 | -.172 | -.524 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 230 | 112 | -.335 | .047 | -.160 | -.511 | 230 | 162 | -.461 | .100 | -.121 | -.843 | 230 | 234 | -.496 | .084 | -.280 | -.917 |
| 230 | 113 | -.352 | .061 | -.172 | -.685 | 230 | 163 | -.486 | .119 | -.136 | -.916 | 230 | 235 | -.490 | .078 | -.285 | -.893 |
| 230 | 114 | -.348 | .052 | -.196 | -.642 | 230 | 164 | -.488 | .111 | -.172 | -.971 | 230 | 236 | -.432 | .061 | -.270 | -.690 |
| 230 | 115 | -.331 | .043 | -.181 | -.505 | 230 | 165 | -.087 | .071 | .201 | -.380 | 230 | 237 | -.418 | .073 | -.223 | -.778 |
| 230 | 116 | -.328 | .042 | -.174 | -.470 | 230 | 166 | -.243 | .090 | -.013 | -.718 | 230 | 238 | -.411 | .077 | -.227 | -.793 |
| 230 | 117 | -.302 | .043 | -.141 | -.454 | 230 | 167 | -.154 | .080 | .050 | -.450 | 230 | 239 | -.566 | .116 | -.310 | -1.119 |
| 230 | 118 | -.302 | .041 | -.172 | -.438 | 230 | 168 | -.193 | .079 | -.011 | -.514 | 230 | 240 | -.542 | .102 | -.312 | -.989 |
| 230 | 119 | -.389 | .063 | -.206 | -.681 | 230 | 169 | -.168 | .091 | .064 | -.507 | 230 | 241 | -.505 | .107 | -.247 | -1.049 |
| 230 | 120 | -.387 | .059 | -.218 | -.673 | 230 | 170 | -.391 | .130 | .021 | -.871 | 230 | 242 | -.489 | .110 | -.256 | -1.082 |
| 230 | 121 | -.359 | .048 | -.164 | -.581 | 230 | 171 | -.438 | .137 | -.032 | -.976 | 230 | 243 | -.426 | .077 | -.118 | -.814 |
| 230 | 122 | -.355 | .048 | -.184 | -.556 | 230 | 172 | -.458 | .125 | -.027 | -.933 | 230 | 244 | -.316 | .080 | -.069 | -.601 |
| 230 | 123 | -.337 | .050 | -.189 | -.553 | 230 | 173 | -.292 | .114 | .021 | -.686 | 230 | 245 | -.267 | .070 | -.077 | -.676 |
| 230 | 124 | -.343 | .055 | -.165 | -.590 | 230 | 174 | -.320 | .103 | -.041 | -.744 | 230 | 246 | -.256 | .071 | -.059 | -.570 |
| 230 | 125 | -.450 | .080 | -.242 | -.983 | 230 | 175 | -.289 | .097 | .011 | -.640 | 230 | 247 | -.284 | .091 | -.061 | -.686 |
| 230 | 126 | -.432 | .073 | -.259 | -.852 | 230 | 176 | -.306 | .102 | .005 | -.694 | 230 | 248 | -.218 | .091 | .016 | -.883 |
| 230 | 127 | -.404 | .056 | -.244 | -.656 | 230 | 177 | -.242 | .106 | .071 | -.633 | 230 | 249 | -.230 | .089 | .007 | -.681 |
| 230 | 128 | -.368 | .052 | -.222 | -.617 | 230 | 178 | -.276 | .107 | .027 | -.705 | 230 | 250 | -.571 | .143 | -.276 | -1.133 |
| 230 | 129 | -.367 | .051 | -.220 | -.556 | 230 | 201 | -.330 | .046 | -.206 | -.466 | 230 | 251 | -.522 | .133 | -.252 | -1.260 |
| 230 | 130 | -.357 | .047 | -.230 | -.505 | 230 | 202 | -.315 | .045 | -.182 | -.454 | 230 | 252 | -.534 | .109 | -.261 | -1.063 |
| 230 | 131 | -.517 | .085 | -.265 | -.860 | 230 | 203 | -.325 | .050 | -.160 | -.524 | 230 | 253 | -.493 | .111 | -.264 | -.916 |
| 230 | 132 | -.567 | .095 | -.291 | -.920 | 230 | 204 | -.309 | .055 | -.081 | -1.058 | 230 | 254 | -.493 | .096 | -.280 | -.878 |
| 230 | 133 | -.409 | .068 | -.194 | -.702 | 230 | 205 | -.288 | .054 | -.057 | -.610 | 230 | 255 | -.497 | .088 | -.312 | -.915 |
| 230 | 134 | -.379 | .067 | -.138 | -.817 | 230 | 206 | -.300 | .060 | -.108 | -.698 | 230 | 256 | -.505 | .078 | -.304 | -.862 |
| 230 | 135 | -.377 | .057 | -.227 | -.760 | 230 | 207 | -.304 | .046 | -.165 | -.482 | 230 | 257 | -.516 | .087 | -.322 | -.876 |
| 230 | 136 | -.389 | .057 | -.203 | -.618 | 230 | 208 | -.307 | .045 | -.167 | -.479 | 230 | 258 | -.577 | .096 | -.334 | -1.056 |
| 230 | 137 | -.498 | .073 | -.273 | -.830 | 230 | 209 | -.315 | .047 | -.162 | -.497 | 230 | 259 | -.451 | .077 | -.245 | -.724 |
| 230 | 138 | -.516 | .083 | -.202 | -.917 | 230 | 210 | -.291 | .045 | -.132 | -.497 | 230 | 260 | -.498 | .091 | -.205 | -.873 |
| 230 | 139 | -.620 | .065 | -.440 | -.864 | 230 | 211 | -.308 | .054 | -.145 | -.583 | 230 | 261 | -.463 | .092 | -.061 | -.849 |
| 230 | 140 | -.766 | .130 | -.411 | -1.207 | 230 | 212 | -.317 | .058 | -.133 | -.609 | 230 | 262 | -.709 | .115 | -.436 | -1.172 |
| 230 | 141 | -.255 | .062 | -.090 | -.514 | 230 | 213 | -.319 | .041 | -.169 | -.497 | 230 | 263 | -.702 | .115 | -.432 | -1.167 |
| 230 | 142 | -.268 | .058 | -.108 | -.497 | 230 | 214 | -.311 | .042 | -.174 | -.467 | 230 | 264 | -.696 | .107 | -.400 | -1.145 |
| 230 | 143 | -.273 | .033 | -.182 | -.413 | 230 | 215 | -.342 | .042 | -.212 | -.480 | 230 | 265 | -.657 | .099 | -.373 | -1.037 |
| 230 | 144 | -.364 | .065 | -.153 | -.694 | 230 | 216 | -.344 | .044 | -.223 | -.486 | 230 | 266 | -.642 | .100 | -.361 | -1.025 |
| 230 | 145 | -.549 | .098 | -.286 | -.939 | 230 | 217 | -.326 | .051 | -.155 | -.501 | 230 | 267 | -.593 | .101 | -.318 | -1.057 |
| 230 | 146 | -.611 | .113 | -.291 | -1.081 | 230 | 218 | -.314 | .056 | -.135 | -.538 | 230 | 268 | -.602 | .105 | -.353 | -1.020 |
| 230 | 147 | -.227 | .080 | .066 | -.632 | 230 | 219 | -.356 | .041 | -.231 | -.497 | 230 | 269 | -.631 | .143 | -.328 | -1.236 |
| 230 | 148 | -.238 | .066 | .001 | -.514 | 230 | 220 | -.362 | .044 | -.224 | -.526 | 230 | 270 | -.625 | .142 | -.322 | -1.294 |
| 230 | 149 | -.243 | .046 | -.103 | -.401 | 230 | 221 | -.369 | .041 | -.242 | -.494 | 230 | 271 | -.523 | .098 | -.274 | -.943 |
| 230 | 150 | -.323 | .061 | -.127 | -.551 | 230 | 222 | -.357 | .043 | -.217 | -.511 | 230 | 272 | -.364 | .073 | -.080 | -.710 |
| 230 | 151 | -.542 | .096 | -.253 | -1.009 | 230 | 223 | -.370 | .055 | -.170 | -.536 | 230 | 273 | -.312 | .068 | -.099 | -.657 |
| 230 | 152 | -.649 | .132 | -.300 | -1.290 | 230 | 224 | -.373 | .062 | -.142 | -.574 | 230 | 274 | -.298 | .067 | -.085 | -.661 |
| 230 | 153 | -.340 | .076 | -.121 | -.775 | 230 | 225 | -.377 | .045 | -.232 | -.538 | 230 | 275 | -.553 | .159 | -.176 | -.994 |
| 230 | 154 | -.302 | .075 | -.081 | -.641 | 230 | 226 | -.354 | .051 | -.208 | -.623 | 230 | 276 | -.652 | .145 | -.193 | -1.271 |
| 230 | 155 | -.315 | .088 | -.046 | -.830 | 230 | 227 | -.380 | .054 | -.244 | -.713 | 230 | 277 | -.440 | .095 | -.139 | -.889 |
| 230 | 156 | -.324 | .088 | -.090 | -.710 | 230 | 228 | -.388 | .054 | -.248 | -.650 | 230 | 278 | -.277 | .067 | -.060 | -.528 |
| 230 | 157 | -.555 | .127 | -.118 | -.954 | 230 | 229 | -.413 | .068 | -.228 | -.858 | 230 | 279 | -.257 | .059 | -.003 | -.481 |
| 230 | 158 | -.593 | .134 | -.139 | -1.011 | 230 | 230 | -.419 | .057 | -.232 | -.679 | 230 | 280 | -.278 | .061 | -.020 | -.490 |
| 230 | 159 | -.617 | .136 | -.154 | -1.220 | 230 | 231 | -.492 | .086 | -.283 | -.944 | 230 | 301 | -.004 | .169 | .471 | -.536 |
| 230 | 160 | -.444 | .087 | -.086 | -.736 | 230 | 232 | -.460 | .078 | -.267 | -.855 | 230 | 302 | -.004 | .132 | .399 | -.454 |
| 230 | 161 | -.501 | .100 | -.194 | -.837 | 230 | 233 | -.524 | .081 | -.346 | -.959 | 230 | 303 | -.014 | .059 | .239 | -.196 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 230 | 304 | -.077 | .051 | .130 | -.238 | 230 | 355 | -.064 | .191 | .558 | -.639 | 230 | 405 | -.055 | .039 | .135 | -.177 |
| 230 | 305 | -.156 | .044 | .027 | -.308 | 230 | 356 | -.020 | .202 | .507 | -.616 | 230 | 406 | -.124 | .029 | .014 | -.220 |
| 230 | 306 | -.228 | .040 | -.070 | -.366 | 230 | 357 | .087 | .075 | .320 | -.219 | 230 | 407 | -.297 | .050 | -.143 | -.500 |
| 230 | 307 | .087 | .173 | .598 | -.493 | 230 | 358 | -.046 | .054 | .145 | -.204 | 230 | 408 | -.420 | .079 | -.175 | -.710 |
| 230 | 308 | .136 | .144 | .517 | -.466 | 230 | 359 | -.249 | .050 | -.096 | -.444 | 230 | 501 | -.130 | .047 | .054 | -.331 |
| 230 | 309 | .113 | .066 | .363 | -.107 | 230 | 360 | -.355 | .062 | -.200 | -.599 | 230 | 502 | .021 | .076 | .316 | -.250 |
| 230 | 310 | .007 | .056 | .246 | -.187 | 230 | 361 | -.034 | .197 | .587 | -.612 | 230 | 503 | .056 | .072 | .397 | -.194 |
| 230 | 311 | -.128 | .040 | .032 | -.277 | 230 | 362 | .032 | .189 | .577 | -.575 | 230 | 504 | .151 | .089 | .512 | -.105 |
| 230 | 312 | -.215 | .037 | -.076 | -.340 | 230 | 363 | .079 | .086 | .451 | -.281 | 230 | 505 | .372 | .114 | .699 | -.144 |
| 230 | 313 | .134 | .189 | .685 | -.448 | 230 | 364 | -.046 | .061 | .262 | -.217 | 230 | 506 | .428 | .125 | .744 | .051 |
| 230 | 314 | .160 | .196 | .649 | -.448 | 230 | 365 | -.508 | .086 | -.299 | -.828 | 230 | 507 | -.036 | .050 | .158 | -.216 |
| 230 | 315 | .197 | .078 | .454 | -.012 | 230 | 366 | -.516 | .079 | -.287 | -.879 | 230 | 508 | .035 | 064 | .287 | -.155 |
| 230 | 316 | .066 | .053 | 271 | -.074 | 230 | 367 | -.505 | .077 | -.272 | -.895 | 230 | 509 | .197 | .087 | .480 | -.055 |
| 230 | 317 | -.140 | .035 | -.030 | -.240 | 230 | 368 | -.677 | .105 | -.439 | -1.116 | 230 | 510 | .323 | .105 | .663 | .016 |
| 230 | 318 | -.264 | .037 | -.157 | -.396 | 230 | 369 | -.598 | .097 | -.324 | -1.066 | 230 | 511 | .515 | .123 | .846 | .131 |
| 230 | 319 | .041 | .195 | .703 | -.608 | 230 | 370 | -.601 | .091 | -.367 | -.980 | 230 | 512 | .524 | .129 | .924 | .079 |
| 230 | 320 | .065 | .205 | .682 | -.673 | 230 | 371 | -.632 | .098 | -.409 | -1.059 | 230 | 513 | -.098 | .041 | .111 | -.239 |
| 230 | 321 | .155 | .073 | .446 | -.082 | 230 | 372 | -.604 | .099 | -.366 | -1.118 | 230 | 514 | .048 | .057 | .245 | -.136 |
| 230 | 322 | .022 | .047 | .217 | -.130 | 230 | 373 | -.572 | .093 | -.088 | -.995 | 230 | 515 | .315 | .090 | .609 | .028 |
| 230 | 323 | -.182 | .033 | -.060 | -.308 | 230 | 374 | -.016 | .183 | .465 | -.750 | 230 | 516 | .486 | .113 | .860 | .118 |
| 230 | 324 | -.288 | .038 | -.169 | -.406 | 230 | 375 | .127 | .097 | .443 | -.421 | 230 | 517 | .588 | .131 | 1.013 | .186 |
| 230 | 325 | .021 | .199 | .631 | -.646 | 230 | 376 | .035 | .104 | .315 | -.415 | 230 | 518 | .582 | .140 | 1.045 | .118 |
| 230 | 326 | .071 | .203 | .617 | -.623 | 230 | 377 | -.078 | .078 | .181 | -.419 | 230 | 519 | -.119 | .047 | .065 | -.256 |
| 230 | 327 | -.018 | .177 | .530 | -.558 | 230 | 378 | -.292 | .083 | -.044 | -.663 | 230 | 520 | .011 | .064 | .345 | -.201 |
| 230 | 328 | .007 | .195 | .536 | -.617 | 230 | 379 | -.402 | .086 | -.163 | -.756 | 230 | 521 | .311 | .094 | .566 | .048 |
| 230 | 329 | .018 | .183 | .588 | -.608 | 230 | 380 | -.088 | .180 | .465 | -.812 | 230 | 522 | .474 | .122 | .806 | .105 |
| 230 | 330 | .138 | .159 | .546 | -.403 | 230 | 381 | .020 | .164 | .449 | -.585 | 230 | 523 | .563 | .132 | .930 | .172 |
| 230 | 331 | .123 | .079 | .412 | -.138 | 230 | 382 | -.100 | .137 | .424 | -.679 | 230 | 524 | .525 | .134 | .931 | .094 |
| 230 | 332 | .002 | .058 | .239 | -.187 | 230 | 383 | -.034 | .152 | .436 | -.602 | 230 | 525 | .551 | .131 | .927 | .159 |
| 230 | 333 | -.467 | .090 | -.239 | -.862 | 230 | 384 | .043 | .066 | .301 | -.312 | 230 | 526 | .508 | .141 | .934 | .010 |
| 230 | 334 | -.398 | .056 | -.222 | -.655 | 230 | 385 | -.070 | .045 | .120 | -.235 | 230 | 527 | .529 | .131 | .949 | .065 |
| 230 | 336 | -.587 | .137 | -.310 | -1.183 | 230 | 386 | -.299 | .050 | -.125 | -.485 | 230 | 528 | .480 | .138 | .913 | -.086 |
| 230 | 337 | -.471 | .082 | -.217 | -.778 | 230 | 387 | -.424 | .070 | -.175 | -.738 | 230 | 529 | -.266 | .060 | -.050 | -.496 |
| 230 | 338 | -.513 | .104 | -.291 | -1.011 | 230 | 388 | -.025 | .125 | .487 | -.500 | 230 | 530 | -.270 | .082 | -.001 | -.583 |
| 230 | 339 | -.532 | .114 | -.268 | -1.188 | 230 | 389 | .028 | .127 | .449 | -.476 | 230 | 531 | -.159 | .090 | .143 | -.413 |
| 230 | 340 | -.522 | .088 | -.277 | -1.017 | 230 | 390 | 102 | .095 | .439 | -.329 | 230 | 532 | .246 | .080 | .543 | -.030 |
| 230 | 341 | -.520 | .089 | -.267 | -.990 | 230 | 391 | -.064 | .061 | .240 | -.240 | 230 | 533 | .416 | .110 | .782 | .098 |
| 230 | 342 | -.507 | .090 | -.249 | -.972 | 230 | 392 | -.299 | .055 | -.075 | -.524 | 230 | 534 | .466 | .134 | .906 | .078 |
| 230 | 343 | -.457 | .092 | -.085 | -.773 | 230 | 393 | -.438 | .072 | -.223 | -.763 | 230 | 535 | .413 | .134 | .859 | .022 |
| 230 | 344 | -.330 | .119 | .065 | -.824 | 230 | 394 | .079 | .109 | .449 | -.305 | 230 | 536 | -.338 | .072 | -.119 | -.607 |
| 230 | 345 | -.480 | .081 | -.192 | -.750 | 230 | 395 | .093 | .114 | .640 | -.478 | 230 | 537 | -.544 | .137 | -.089 | -.991 |
| 230 | 346 | -.441 | .099 | .027 | -.747 | 230 | 396 | .176 | .100 | .692 | -.106 | 230 | 538 | -.527 | .132 | .012 | -.956 |
| 230 | 347 | .033 | .204 | .644 | -.690 | 230 | 397 | -.341 | .117 | .059 | -.798 | 230 | 539 | -.564 | .117 | -.080 | -.927 |
| 230 | 348 | .206 | .108 | .608 | -.160 | 230 | 398 | -.188 | .096 | .172 | -.589 | 230 | 540 | -.485 | .123 | .093 | -.908 |
| 230 | 349 | .108 | .099 | .493 | -.353 | 230 | 399 | -.114 | .053 | .058 | -.388 | 230 | 541 | -.495 | .113 | .016 | -.904 |
| 230 | 350 | -.004 | .074 | .225 | -.295 | 230 | 400 | -.153 | .036 | .013 | -.307 | 230 | 542 | -.536 | .102 | -.127 | -.925 |
| 230 | 351 | -.215 | .076 | -.011 | -.542 | 230 | 401 | -.271 | .051 | -.081 | -.478 | 230 | 543 | .090 | .114 | .417 | -.292 |
| 230 | 352 | -.343 | .086 | -.147 | -.683 | 230 | 402 | -.400 | .074 | -.139 | -.689 | 230 | 544 | -.125 | .123 | .397 | -.517 |
| 230 | 353 | -.005 | .209 | .512 | -.849 | 230 | 403 | -.254 | .091 | .123 | -.643 | 230 | 545 | -.143 | .109 | .289 | -.543 |
| 230 | 354 | .102 | .167 | .512 | -.583 | 230 | 404 | -.192 | .085 | .192 | -.602 | 230 | 546 | -.190 | .090 | .110 | -.530 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 230 | 547 | .025 | .150 | .457 | -.499 | 230 | 597 | .228 | .133 | .826 | -.217 | 230 | 911 | .254 | .088 | .632 | .037 |
| 230 | 548 | -.114 | .136 | .375 | -.642 | 230 | 598 | .254 | .114 | .720 | -.190 | 230 | 912 | .220 | .086 | .619 | -.003 |
| 230 | 549 | -.140 | .074 | .138 | -.578 | 230 | 599 | .212 | .099 | .591 | -.115 | 230 | 913 | .337 | .103 | .757 | .089 |
| 230 | 550 | .052 | .082 | .405 | -.435 | 230 | 600 | .136 | .092 | .657 | -.179 | 230 | 914 | .154 | .110 | .522 | -.231 |
| 230 | 551 | .295 | .101 | .659 | -.145 | 230 | 701 | -.334 | .089 | -.046 | -.946 | 230 | 915 | .153 | .100 | .485 | -.145 |
| 230 | 552 | .407 | .112 | .785 | -.006 | 230 | 702 | -.372 | .087 | -.125 | -1.120 | 230 | 916 | .170 | .092 | .457 | -.113 |
| 230 | 553 | .452 | .122 | .823 | .093 | 230 | 703 | -.351 | .067 | -.147 | -.646 | 230 | 917 | .065 | .080 | .454 | -.212 |
| 230 | 554 | .446 | .128 | .841 | .061 | 230 | 704 | -.441 | .081 | -.226 | -.939 | 230 | 918 | .012 | .067 | .315 | -.182 |
| 230 | 555 | .480 | .135 | .908 | .108 | 230 | 705 | -.430 | .074 | -.223 | -.741 | 230 | 919 | .017 | .067 | .339 | -.173 |
| 230 | 556 | .453 | .144 | .934 | .053 | 230 | 706 | -.231 | .081 | .013 | -.630 | 230 | 920 | .275 | .086 | .643 | .014 |
| 230 | 557 | -.113 | .068 | .168 | -.345 | 230 | 707 | -.332 | .048 | -.181 | -.502 | 230 | 921 | .237 | .086 | .600 | -.019 |
| 230 | 558 | .016 | .068 | .303 | -.174 | 230 | 708 | -.317 | .046 | -.164 | -.483 | 230 | 922 | .378 | .107 | .684 | .101 |
| 230 | 559 | .280 | .089 | .538 | .045 | 230 | 709 | -.363 | .049 | -.237 | -.528 | 230 | 923 | .208 | .115 | .571 | -.203 |
| 230 | 560 | .415 | .111 | .804 | .147 | 230 | 710 | -.546 | .081 | -.295 | -.991 | 230 | 924 | .205 | .108 | .516 | -.211 |
| 230 | 561 | .467 | .122 | .886 | .170 | 230 | 711 | -.775 | .206 | -.257 | -1.646 | 230 | 925 | .206 | .104 | .523 | -.179 |
| 230 | 562 | .407 | .130 | .803 | .024 | 230 | 712 | -.785 | .221 | -.305 | -1.654 | 230 | 926 | .110 | .079 | .396 | -.134 |
| 230 | 563 | -.227 | .094 | .078 | -.594 | 230 | 713 | -.436 | .098 | -.137 | -.871 | 230 | 927 | .074 | .064 | .310 | -.159 |
| 230 | 564 | -.214 | .104 | .091 | -.658 | 230 | 714 | -.132 | .118 | .224 | -.603 | 230 | 928 | .090 | .068 | .328 | -.150 |
| 230 | 565 | -.108 | .089 | .261 | -.391 | 230 | 715 | -.507 | .125 | -.140 | -1.009 | 230 | 929 | -.535 | .079 | -.245 | -.799 |
| 230 | 566 | .258 | .087 | .573 | -.002 | 230 | 716 | -.271 | .112 | .017 | -.705 | 230 | 930 | -.540 | .082 | -.277 | -.859 |
| 230 | 567 | .395 | .117 | .773 | .061 | 230 | 717 | .409 | .137 | .810 | -.130 | 230 | 931 | -.526 | .080 | -.271 | -.906 |
| 230 | 568 | .400 | .124 | .859 | .073 | 230 | 718 | .327 | .192 | .830 | -.624 | 230 | 932 | -.542 | .085 | -.249 | -.824 |
| 230 | 569 | .332 | .140 | .828 | -.060 | 230 | 719 | .136 | .234 | .702 | -.756 | 230 | 933 | -.528 | .080 | -.265 | -.866 |
| 230 | 570 | -.314 | .114 | -.007 | -.869 | 230 | 720 | .266 | .187 | .756 | -.584 | 230 | 934 | -.476 | .084 | -.079 | -.811 |
| 230 | 571 | -.425 | .157 | .101 | -.918 | 230 | 721 | .056 | .248 | .772 | -.773 | 230 | 935 | -.495 | .090 | -.155 | -.804 |
| 230 | 572 | -.275 | .168 | .322 | -.736 | 230 | 722 | .140 | .183 | .677 | -.652 | 230 | 936 | -.593 | .097 | -.247 | -1.089 |
| 230 | 573 | -.341 | .111 | -.006 | -.672 | 230 | 723 | .067 | .166 | .606 | -.541 | 230 | 937 | -.334 | .090 | -.045 | -.634 |
| 230 | 574 | -.304 | .134 | .210 | -.713 | 230 | 724 | .088 | .131 | .553 | -.414 | 230 | 938 | -.282 | .075 | -.063 | -.659 |
| 230 | 575 | -.331 | .100 | -.032 | -.653 | 230 | 725 | -.300 | .046 | -.085 | -.475 | 230 | 939 | -.509 | .083 | -.181 | -.842 |
| 230 | 576 | -.256 | .125 | .180 | -.703 | 230 | 726 | -.318 | .044 | -.188 | -.454 | 230 | 940 | -.175 | .085 | .051 | -.446 |
| 230 | 577 | -.061 | .093 | .324 | -.715 | 230 | 727 | -.364 | .050 | -.200 | -.548 | 230 | 941 | -.237 | .076 | .003 | -.541 |
| 230 | 578 | .084 | .091 | .445 | -.531 | 230 | 728 | -.533 | .101 | -.318 | -.921 | 230 | 942 | -.437 | .070 | -.134 | -.757 |
| 230 | 579 | .282 | .102 | .645 | -.272 | 230 | 729 | -.473 | .081 | -.225 | -.815 | 240 | 101 | -.376 | .079 | -.098 | -.832 |
| 230 | 580 | .389 | .101 | .757 | .085 | 230 | 730 | -.570 | .138 | -.276 | -1.146 | 240 | 102 | -.379 | .074 | -.124 | -.746 |
| 230 | 581 | .394 | .116 | .785 | .022 | 230 | 731 | -.466 | .082 | -.255 | -.832 | 240 | 103 | -.355 | .055 | -.152 | -.573 |
| 230 | 582 | .385 | .123 | .767 | -.040 | 230 | 732 | -.566 | .104 | -.180 | -1.013 | 240 | 104 | -.354 | .053 | -.156 | -.586 |
| 230 | 583 | .391 | .115 | .740 | .038 | 230 | 733 | -.652 | .109 | -.350 | -1.084 | 240 | 105 | -.347 | .052 | -.138 | -.598 |
| 230 | 584 | .365 | .128 | .857 | .020 | 230 | 734 | -.615 | .108 | -.337 | -1.072 | 240 | 106 | -.348 | .051 | -.170 | -.524 |
| 230 | 585 | -.044 | .075 | .220 | -.263 | 230 | 735 | -.163 | .087 | .169 | -.536 | 240 | 107 | -.388 | .072 | -.186 | -.746 |
| 230 | 586 | .060 | .070 | .305 | -.135 | 230 | 736 | -.603 | .155 | -.187 | -1.373 | 240 | 108 | -.374 | .063 | -.176 | -.639 |
| 230 | 587 | .212 | .077 | .499 | .005 | 230 | 901 | -.164 | .129 | .334 | -.595 | 240 | 109 | -.348 | .054 | -.132 | -.612 |
| 230 | 588 | .308 | .086 | .720 | .106 | 230 | 902 | -.190 | .119 | .263 | -.560 | 240 | 110 | -.315 | .047 | -.127 | -.483 |
| 230 | 589 | .315 | .107 | .722 | .069 | 230 | 903 | -.131 | .047 | .065 | -.303 | 240 | 111 | -.336 | .047 | -.174 | -.514 |
| 230 | 590 | .289 | .113 | .755 | -.009 | 230 | 904 | -.320 | .058 | -.169 | -.718 | 240 | 112 | -.331 | .047 | -.183 | -.505 |
| 230 | 591 | -.085 | .075 | .143 | -.339 | 230 | 905 | -.430 | .074 | -.170 | -.700 | 240 | 113 | -.399 | .075 | -.203 | -.899 |
| 230 | 592 | .055 | .062 | .327 | -.138 | 230 | 906 | -.213 | .078 | .023 | -.475 | 240 | 114 | -.383 | .068 | -.205 | -.896 |
| 230 | 593 | .235 | .072 | .529 | .081 | 230 | 907 | -.309 | .060 | -.071 | -.573 | 240 | 115 | -.338 | .049 | -.207 | -.680 |
| 230 | 594 | .315 | .084 | .664 | .121 | 230 | 908 | -.400 | .069 | -.201 | -.641 | 240 | 116 | -.325 | .046 | -.190 | -.560 |
| 230 | 595 | .258 | .085 | .592 | .029 | 230 | 909 | -.360 | .079 | -.086 | -.663 | 240 | 117 | -.300 | .045 | -.160 | -.513 |
| 230 | 596 | .236 | .086 | .606 | .012 | 230 | 910 | -.345 | .077 | -.084 | -.617 | 240 | 118 | -.287 | .042 | -.151 | -.459 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 240 | 119 | -.407 | .076 | -.179 | -.843 | 240 | 169 | -.114 | .074 | .086 | -.500 | 240 | 241 | -.428 | .073 | -.230 | -.785 |
| 240 | 120 | -.396 | .068 | -.202 | -.831 | 240 | 170 | -.281 | .121 | .168 | -.698 | 240 | 242 | -.405 | .068 | -.247 | -.782 |
| 240 | 121 | -.356 | .051 | -.200 | -.546 | 240 | 171 | -.331 | .128 | .159 | -.834 | 240 | 243 | -.412 | .063 | -.230 | -.700 |
| 240 | 122 | -.348 | .049 | -.193 | -.538 | 240 | 172 | -.359 | .119 | .105 | -.873 | 240 | 244 | -.372 | .073 | -.200 | -.792 |
| 240 | 123 | -.329 | .051 | -.152 | -.513 | 240 | 173 | -.156 | .113 | .254 | -.545 | 240 | 245 | -.312 | .085 | -.089 | -.795 |
| 240 | 124 | -.332 | .054 | -.162 | -.570 | 240 | 174 | -.225 | .095 | .214 | -.540 | 240 | 246 | -.287 | .073 | -.090 | -.659 |
| 240 | 125 | -.437 | .071 | -.273 | -.859 | 240 | 175 | -.170 | .092 | .100 | -.536 | 240 | 247 | -.330 | .087 | -.081 | -.712 |
| 240 | 126 | -.422 | .067 | -.255 | -.717 | 240 | 176 | -.182 | .097 | .108 | -.568 | 240 | 248 | -.280 | .088 | -.020 | -.859 |
| 240 | 127 | -.393 | .056 | -.236 | -.589 | 240 | 177 | -.119 | .099 | .193 | -.485 | 240 | 249 | -.273 | .087 | .000 | -.917 |
| 240 | 128 | -.368 | .053 | -.195 | -.568 | 240 | 178 | -.150 | .101 | .154 | -.629 | 240 | 250 | -.459 | .078 | -.257 | -.804 |
| 240 | 129 | -.365 | .051 | -.200 | -.545 | 240 | 201 | -.284 | .045 | -.144 | -.466 | 240 | 251 | -.462 | .090 | -.231 | -.907 |
| 240 | 130 | -.356 | .047 | -.208 | -.515 | 240 | 202 | -.270 | .044 | -.134 | -.458 | 240 | 252 | -.491 | .085 | -.262 | -.867 |
| 240 | 131 | -.590 | .128 | -.289 | -1.227 | 240 | 203 | -.283 | .047 | -.115 | -.465 | 240 | 253 | -.392 | .059 | -.242 | -.605 |
| 240 | 132 | -.630 | .131 | -.310 | -1.099 | 240 | 204 | -.277 | .050 | -.095 | -.546 | 240 | 254 | -.390 | .056 | -.240 | -.657 |
| 240 | 133 | -.406 | .064 | -.212 | -.654 | 240 | 205 | -.287 | .053 | -.072 | -.483 | 240 | 255 | -.398 | .055 | -.237 | -.648 |
| 240 | 134 | -.379 | .062 | -.197 | -.638 | 240 | 206 | -.318 | .063 | -.090 | -.710 | 240 | 256 | -.437 | .059 | -.263 | -.658 |
| 240 | 135 | -.369 | .055 | -.188 | -.602 | 240 | 207 | -.280 | .044 | -.120 | -.431 | 240 | 257 | -.411 | .055 | -.251 | -.634 |
| 240 | 136 | -.383 | .059 | -.194 | -.664 | 240 | 208 | -.278 | .044 | -.119 | -.436 | 240 | 258 | -.456 | .069 | -.278 | -.744 |
| 240 | 137 | -.500 | .074 | -.274 | -.774 | 240 | 209 | -.284 | .044 | -.137 | -.439 | 240 | 259 | -.444 | .063 | -.258 | -.712 |
| 240 | 138 | -.505 | .080 | -.275 | -.869 | 240 | 210 | -.258 | .044 | -.119 | -.502 | 240 | 260 | -.428 | .064 | -.252 | -.695 |
| 240 | 139 | -.601 | .073 | -.418 | -.941 | 240 | 211 | -.307 | .056 | -.120 | -.609 | 240 | 261 | -.419 | .063 | -.232 | -.714 |
| 240 | 140 | -.740 | .136 | -.339 | -1.232 | 240 | 212 | -.321 | .060 | -.144 | -.665 | 240 | 262 | -.572 | .098 | -.318 | -.956 |
| 240 | 141 | -.282 | .063 | -.086 | -.561 | 240 | 213 | -.275 | .038 | -.149 | -.410 | 240 | 263 | -.571 | .099 | -.305 | -.954 |
| 240 | 142 | -.287 | .055 | -.099 | -.533 | 240 | 214 | -.275 | .040 | -.138 | -.452 | 240 | 264 | -.585 | .092 | -.361 | -.954 |
| 240 | 143 | -.262 | .032 | -.172 | -.391 | 240 | 215 | -.300 | .040 | -.164 | -.516 | 240 | 265 | -.534 | .081 | -.309 | -.866 |
| 240 | 144 | -.316 | .060 | -.138 | -.620 | 240 | 216 | -.295 | .041 | -.171 | -.509 | 240 | 266 | -.526 | .079 | -.335 | -.897 |
| 240 | 145 | -.533 | .096 | -.253 | -.995 | 240 | 217 | -.293 | .050 | -.130 | -.516 | 240 | 267 | -.485 | .078 | -.305 | -.858 |
| 240 | 146 | -.605 | .109 | -.310 | -1.114 | 240 | 218 | -.290 | .055 | -.095 | -.558 | 240 | 268 | -.490 | .079 | -.297 | -.833 |
| 240 | 147 | -.248 | .073 | -.069 | -.578 | 240 | 219 | -.331 | .044 | -.154 | -.477 | 240 | 269 | -.526 | .125 | -.219 | -1.023 |
| 240 | 148 | -.250 | .059 | -.104 | -.482 | 240 | 220 | -.329 | .044 | -.161 | -.505 | 240 | 270 | -.521 | .123 | -.207 | -.983 |
| 240 | 149 | -.230 | .041 | -.113 | -.405 | 240 | 221 | -.339 | .044 | -.206 | -.485 | 240 | 271 | -.474 | .093 | -.213 | -.848 |
| 240 | 150 | -.278 | .058 | -.099 | -.548 | 240 | 222 | -.325 | .048 | -.134 | -.476 | 240 | 272 | -.380 | .060 | -.176 | -.628 |
| 240 | 151 | -.505 | .103 | -.168 | -.953 | 240 | 223 | -.341 | .059 | -.117 | -.521 | 240 | 273 | -.345 | .063 | -.110 | -.587 |
| 240 | 152 | -.630 | .140 | -.222 | -1.229 | 240 | 224 | -.346 | .062 | -.115 | -.541 | 240 | 274 | -.335 | .064 | -.106 | -.628 |
| 240 | 153 | -.390 | .080 | -.208 | -.881 | 240 | 225 | -.370 | .048 | -.230 | -.526 | 240 | 275 | -.522 | .124 | -.209 | -1.042 |
| 240 | 154 | -.352 | .079 | -.115 | -.758 | 240 | 226 | -.351 | .042 | -.216 | -.531 | 240 | 276 | -.530 | .120 | -.208 | -1.009 |
| 240 | 155 | -.359 | .106 | -.100 | -.877 | 240 | 227 | -.371 | .042 | -.252 | -.575 | 240 | 277 | -.435 | .080 | -.187 | -.844 |
| 240 | 156 | -.352 | .092 | -.120 | -.755 | 240 | 228 | -.371 | .042 | -.234 | -.531 | 240 | 278 | -.306 | .070 | -.086 | -.545 |
| 240 | 157 | -.469 | .130 | .004 | -.889 | 240 | 229 | -.387 | .047 | -.134 | -.559 | 240 | 279 | -.268 | .064 | .036 | -.509 |
| 240 | 158 | -.510 | .136 | -.061 | -.926 | 240 | 230 | -.377 | .052 | -.131 | -.572 | 240 | 280 | -.279 | .070 | -.025 | -.554 |
| 240 | 159 | -.539 | .165 | -.066 | -1.417 | 240 | 231 | -.409 | .055 | -.254 | -.641 | 240 | 301 | -.417 | .119 | .106 | -.876 |
| 240 | 160 | -.368 | .099 | -.004 | -.693 | 240 | 232 | -.403 | .052 | -.258 | -.619 | 240 | 302 | -.358 | .166 | .158 | -.895 |
| 240 | 161 | -.498 | .108 | -.200 | -.944 | 240 | 233 | -.409 | .055 | -.242 | -.651 | 240 | 303 | -.102 | .050 | .080 | -.325 |
| 240 | 162 | -.368 | .105 | -.042 | -.781 | 240 | 234 | -.393 | .057 | -.206 | -.644 | 240 | 304 | -.133 | .039 | .025 | -.282 |
| 240 | 163 | -.382 | .111 | -.058 | -.803 | 240 | 235 | -.399 | .056 | -.164 | -.646 | 240 | 305 | -.174 | .036 | -.040 | -.301 |
| 240 | 164 | -.376 | .099 | -.109 | -.766 | 240 | 236 | -.383 | .054 | -.232 | -.629 | 240 | 306 | -.219 | .037 | -.091 | -.365 |
| 240 | 165 | -.061 | .069 | .295 | -.308 | 240 | 237 | -.389 | .064 | -.168 | -.708 | 240 | 307 | -.375 | .152 | .124 | -.921 |
| 240 | 166 | -.216 | .097 | .040 | -.706 | 240 | 238 | -.381 | .063 | -.187 | -.676 | 240 | 308 | -.357 | .178 | .178 | -.898 |
| 240 | 167 | -.107 | .062 | .116 | -.362 | 240 | 239 | -.447 | .078 | -.232 | -.947 | 240 | 309 | -.039 | .047 | .141 | -.239 |
| 240 | 168 | -.139 | .062 | .033 | -.435 | 240 | 240 | -.437 | .072 | -.236 | -.860 | 240 | 310 | -.079 | .044 | .092 | -.209 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 240 | 311 | -.162 | .034 | -.039 | -.288 | 240 | 362 | -.235 | .195 | .439 | -1.006 | 240 | 504 | .250 | .094 | .524 | -.028 |
| 240 | 312 | -.217 | .035 | -.100 | -.366 | 240 | 363 | -.050 | .086 | .298 | -.533 | 240 | 505 | .396 | .120 | .737 | -.115 |
| 240 | 313 | -.328 | .194 | .321 | -1.071 | 240 | 364 | -.107 | .050 | .169 | -.312 | 240 | 506 | .377 | .120 | .739 | -.025 |
| 240 | 314 | -.333 | .214 | .412 | -1.100 | 240 | 365 | -.451 | .078 | -.205 | -.815 | 240 | 507 | .025 | .062 | .236 | -.208 |
| 240 | 315 | .027 | .077 | .259 | -.550 | 240 | 366 | -.437 | .066 | -.264 | -.688 | 240 | 508 | .140 | .084 | .389 | -.110 |
| 240 | 316 | -.038 | .038 | .106 | -.172 | 240 | 367 | -.424 | .060 | -.259 | -.658 | 240 | 509 | .284 | .109 | .577 | -.031 |
| 240 | 317 | -.175 | .033 | -.064 | -.309 | 240 | 368 | -.532 | .100 | -.314 | -.919 | 240 | 510 | .400 | .124 | .752 | -.002 |
| 240 | 318 | -.255 | .038 | -.135 | -.416 | 240 | 369 | -.501 | .081 | -.266 | -.828 | 240 | 511 | .530 | .121 | .943 | .153 |
| 240 | 319 | -.354 | .181 | .215 | -1.019 | 240 | 370 | -.485 | .077 | -.278 | -.800 | 240 | 512 | .461 | .128 | .875 | -.020 |
| 240 | 320 | -.358 | .196 | .258 | -1.050 | 240 | 371 | -.504 | .084 | -.266 | -.810 | 240 | 513 | -.027 | .053 | .167 | -.205 |
| 240 | 321 | -.008 | .088 | .200 | -.668 | 240 | 372 | -.486 | .078 | -.272 | -.831 | 240 | 514 | .165 | .071 | .373 | -.076 |
| 240 | 322 | -.071 | .036 | .077 | -.226 | 240 | 373 | -.477 | .074 | -.273 | -.767 | 240 | 515 | .445 | .105 | .770 | .104 |
| 240 | 323 | -.217 | .031 | -.094 | -.307 | 240 | 374 | -.286 | .199 | .324 | -1.317 | 240 | 516 | .599 | .123 | .984 | .194 |
| 240 | 324 | -.289 | .039 | -.125 | -.406 | 240 | 375 | -.049 | .129 | .319 | -.932 | 240 | 517 | .592 | .126 | .967 | .172 |
| 240 | 325 | -.352 | .179 | .203 | -.973 | 240 | 376 | -.127 | .139 | .206 | -1.077 | 240 | 518 | .408 | .138 | .886 | -.038 |
| 240 | 326 | -.326 | .197 | .402 | -.913 | 240 | 377 | -.153 | .073 | .135 | -.560 | 240 | 519 | -.057 | .054 | .168 | -.217 |
| 240 | 327 | -.377 | .161 | .168 | -.925 | 240 | 378 | -.284 | .072 | -.105 | -.554 | 240 | 520 | .108 | .078 | .400 | -.106 |
| 240 | 328 | -.386 | .180 | .323 | -1.003 | 240 | 379 | -.389 | .076 | -.144 | -.705 | 240 | 521 | .406 | .103 | .771 | .124 |
| 240 | 329 | -.407 | .211 | .291 | -1.181 | 240 | 380 | -.272 | .211 | .346 | -1.263 | 240 | 522 | .536 | .121 | .965 | .206 |
| 240 | 330 | -.276 | .211 | .358 | -.918 | 240 | 381 | -.164 | .192 | .311 | -1.038 | 240 | 523 | .510 | .120 | .851 | .156 |
| 240 | 331 | -.035 | .085 | .264 | -.569 | 240 | 382 | -.218 | .143 | .332 | -.923 | 240 | 524 | .352 | .131 | .770 | -.072 |
| 240 | 332 | -.072 | .050 | .184 | -.274 | 240 | 383 | -.187 | .160 | .265 | -.749 | 240 | 525 | .511 | .128 | .943 | .169 |
| 240 | 333 | -.427 | .074 | -.254 | -.779 | 240 | 384 | -.052 | .086 | .202 | -.499 | 240 | 526 | .357 | .140 | .762 | -.103 |
| 240 | 334 | -.390 | .062 | -.228 | -.596 | 240 | 385 | -.118 | .044 | .052 | -.277 | 240 | 527 | .482 | .131 | .875 | .093 |
| 240 | 336 | -.492 | .101 | -.254 | -1.038 | 240 | 386 | -.286 | .043 | -.125 | -.429 | 240 | 528 | .346 | .137 | .763 | -.030 |
| 240 | 337 | -.453 | .076 | -.232 | -.776 | 240 | 387 | -.365 | .056 | -.200 | -.615 | 240 | 529 | -.205 | .069 | .073 | -.448 |
| 240 | 338 | -.420 | .065 | -.240 | -.836 | 240 | 388 | -.136 | .132 | .405 | -.756 | 240 | 530 | -.173 | .092 | .190 | -.473 |
| 240 | 339 | -.441 | .066 | -.272 | -.739 | 240 | 389 | -.100 | .143 | .372 | -.799 | 240 | 531 | -.031 | .088 | .246 | -.334 |
| 240 | 340 | -.436 | .056 | -.287 | -.627 | 240 | 390 | -.020 | .121 | .369 | -.434 | 240 | 532 | .316 | .104 | .653 | -.037 |
| 240 | 341 | -.434 | .057 | -.281 | -.626 | 240 | 391 | -.100 | .050 | .148 | -.261 | 240 | 533 | .457 | .137 | .882 | .022 |
| 240 | 342 | -.420 | .058 | -.262 | -.659 | 240 | 392 | -.275 | .046 | -.102 | -.445 | 240 | 534 | .399 | .124 | .767 | -.008 |
| 240 | 343 | -.443 | .067 | -.252 | -.729 | 240 | 393 | -.376 | .058 | -.194 | -.594 | 240 | 535 | .254 | .132 | .668 | -.136 |
| 240 | 344 | -.405 | .081 | -.075 | -.816 | 240 | 394 | -.016 | .123 | .432 | -.616 | 240 | 536 | -.281 | .078 | -.044 | -.661 |
| 240 | 345 | -.444 | .067 | -.278 | -.729 | 240 | 395 | .001 | .123 | .368 | -.456 | 240 | 537 | -.448 | .151 | -.016 | -.963 |
| 240 | 346 | -.429 | .070 | -.209 | -.831 | 240 | 396 | .098 | .105 | .437 | -.273 | 240 | 538 | -.282 | .212 | .308 | -.871 |
| 240 | 347 | -.330 | .226 | .388 | -1.194 | 240 | 397 | -.360 | .115 | -.042 | -.922 | 240 | 539 | -.510 | .142 | .101 | -.994 |
| 240 | 348 | -.006 | .134 | .352 | -.693 | 240 | 398 | -.204 | .085 | .101 | -.572 | 240 | 540 | -.457 | .117 | .253 | -.793 |
| 240 | 349 | -.096 | .129 | .249 | -.742 | 240 | 399 | -.133 | .047 | .073 | -.364 | 240 | 541 | -.446 | .108 | .170 | -.774 |
| 240 | 350 | -.111 | .063 | .099 | -.433 | 240 | 400 | -.164 | .034 | .013 | -.317 | 240 | 542 | -.458 | .107 | -.111 | -.846 |
| 240 | 351 | -.256 | .057 | -.085 | -.513 | 240 | 401 | -.252 | .052 | -.092 | -.444 | 240 | 543 | .124 | .110 | .450 | -.343 |
| 240 | 352 | -.351 | .063 | -.158 | -.658 | 240 | 402 | -.354 | .064 | -.183 | -.606 | 240 | 544 | -.079 | .143 | .548 | -.454 |
| 240 | 353 | -.381 | .275 | .324 | -1.651 | 240 | 403 | -.271 | .099 | -.039 | -.742 | 240 | 545 | -.115 | .098 | .215 | -.478 |
| 240 | 354 | -.206 | .250 | .376 | -1.064 | 240 | 404 | -.194 | .080 | .048 | -.589 | 240 | 546 | -.139 | .083 | .096 | -.498 |
| 240 | 355 | -.306 | .179 | .313 | -.963 | 240 | 405 | -.092 | .038 | .086 | -.238 | 240 | 547 | .071 | .122 | .652 | -.364 |
| 240 | 356 | -.297 | .206 | .344 | -.915 | 240 | 406 | -.144 | .032 | .019 | -.237 | 240 | 548 | -.022 | .105 | .456 | -.426 |
| 240 | 357 | -.051 | .083 | .229 | -.507 | 240 | 407 | -.281 | .049 | -.149 | -.466 | 240 | 549 | -.062 | .095 | .301 | -.522 |
| 240 | 358 | -.122 | .044 | .072 | -.283 | 240 | 408 | -.384 | .075 | -.192 | -.697 | 240 | 550 | .116 | .105 | .509 | -.384 |
| 240 | 359 | -.263 | .039 | -.133 | -.404 | 240 | 501 | -.064 | .057 | .117 | -.306 | 240 | 551 | .366 | .123 | .734 | -.136 |
| 240 | 360 | -.336 | .046 | -.198 | -.521 | 240 | 502 | .122 | .079 | .395 | -.109 | 240 | 552 | .442 | .130 | .835 | -.027 |
| 240 | 361 | -.295 | .177 | .439 | -.968 | 240 | 503 | .156 | .080 | .401 | -.082 | 240 | 553 | .427 | .134 | .861 | .049 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 240 | 554 | .372 | .140 | .868 | -.048 | 240 | 704 | -.422 | .071 | -.226 | -.852 | 240 | 918 | -.033 | .066 | .245 | -.278 |
| 240 | 555 | .454 | .131 | .813 | .013 | 240 | 705 | -.419 | .065 | -.242 | -.766 | 240 | 919 | -.036 | .066 | .238 | -.251 |
| 240 | 556 | .363 | .139 | .798 | -.230 | 240 | 706 | -.260 | .083 | -.022 | -.625 | 240 | 920 | .343 | .102 | .711 | .018 |
| 240 | 557 | -.039 | .069 | .282 | -.261 | 240 | 707 | -.349 | .051 | -.168 | -.536 | 240 | 921 | .294 | .109 | .766 | .008 |
| 240 | 558 | .091 | .076 | .397 | -.116 | 240 | 708 | -.305 | .047 | -.156 | -.460 | 240 | 922 | .414 | .123 | .868 | .065 |
| 240 | 559 | .315 | .107 | .731 | .059 | 240 | 709 | -.358 | .049 | -.195 | -.522 | 240 | 923 | .082 | .117 | .432 | -.402 |
| 240 | 560 | .418 | .127 | .838 | .112 | 240 | 710 | -.526 | .082 | -.269 | -.835 | 240 | 924 | .087 | .106 | .407 | -.302 |
| 240 | 561 | .403 | .127 | .784 | .065 | 240 | 711 | -.759 | .206 | -.138 | -1.571 | 240 | 925 | .119 | .102 | .443 | -.208 |
| 240 | 562 | .302 | .135 | .805 | -.088 | 240 | 712 | -.936 | .252 | -.330 | -1.960 | 240 | 926 | -.053 | .085 | .200 | -.541 |
| 240 | 563 | -.130 | .087 | .273 | -.434 | 240 | 713 | -.331 | .090 | -.054 | -.704 | 240 | 927 | .009 | .061 | .222 | -.232 |
| 240 | 564 | -.106 | .100 | .347 | -.433 | 240 | 714 | -.067 | .079 | .174 | -.438 | 240 | 928 | .012 | .065 | .257 | -.185 |
| 240 | 565 | -.016 | .092 | .350 | -.309 | 240 | 715 | -.408 | .131 | .024 | -.968 | 240 | 929 | -.529 | .079 | -.267 | -.833 |
| 240 | 566 | .308 | .103 | .681 | .037 | 240 | 716 | -.141 | .095 | .185 | -.492 | 240 | 930 | -.518 | .078 | -.238 | -.818 |
| 240 | 567 | .413 | .125 | .828 | .112 | 240 | 717 | .106 | .169 | .620 | -.523 | 240 | 931 | -.504 | .077 | -.215 | -.823 |
| 240 | 568 | .354 | .122 | .766 | .034 | 240 | 718 | -.230 | .293 | .582 | -1.142 | 240 | 932 | -.525 | .082 | -.258 | -.838 |
| 240 | 569 | .220 | .138 | .765 | -.235 | 240 | 719 | -.360 | .291 | .510 | -1.363 | 240 | 933 | -.503 | .079 | -.232 | -.800 |
| 240 | 570 | -.203 | .100 | .082 | -.574 | 240 | 720 | -.021 | .225 | .516 | -1.073 | 240 | 934 | -.489 | .081 | -.195 | -.834 |
| 240 | 571 | -.314 | .147 | .136 | -.762 | 240 | 721 | -.298 | .280 | .457 | -1.355 | 240 | 935 | -.510 | .084 | -.185 | -.806 |
| 240 | 572 | -.072 | .165 | .382 | -.541 | 240 | 722 | -.060 | .219 | .495 | -1.195 | 240 | 936 | -.570 | .115 | -.159 | -.997 |
| 240 | 573 | -.199 | .115 | .218 | -.581 | 240 | 723 | -.100 | .184 | .383 | -.798 | 240 | 937 | -.430 | .076 | -.090 | -.743 |
| 240 | 574 | -.181 | .116 | .250 | -.536 | 240 | 724 | -.031 | .124 | .386 | -.572 | 240 | 938 | -.373 | .087 | -.119 | -.669 |
| 240 | 575 | -.209 | .095 | .082 | -.522 | 240 | 725 | -.266 | .043 | -.114 | -.450 | 240 | 939 | -.480 | .091 | -.137 | -.849 |
| 240 | 576 | -.119 | .126 | .376 | -.531 | 240 | 726 | -.282 | .043 | -.141 | -.460 | 240 | 940 | -.305 | .073 | -.033 | -.571 |
| 240 | 577 | -.011 | .110 | .322 | -.501 | 240 | 727 | -.361 | .049 | -.166 | -.551 | 240 | 941 | -.226 | .073 | -.019 | -.480 |
| 240 | 578 | .115 | .114 | .429 | -.350 | 240 | 728 | -.437 | .064 | -.267 | -.823 | 240 | 942 | -.359 | .073 | -.077 | -.593 |
| 240 | 579 | .268 | .129 | .768 | -.386 | 240 | 729 | -.432 | .069 | -.255 | -.794 | 250 | 101 | -.374 | .099 | -.107 | -.925 |
| 240 | 580 | .351 | .108 | .710 | -.166 | 240 | 730 | -.477 | .078 | -.283 | -.823 | 250 | 102 | -.372 | .088 | -.106 | -.922 |
| 240 | 581 | .327 | .114 | .755 | .020 | 240 | 731 | -.395 | .060 | -.239 | -.705 | 250 | 103 | -.354 | .074 | -.110 | -.964 |
| 240 | 582 | .296 | .120 | .725 | -.042 | 240 | 732 | -.472 | .078 | -.259 | -.849 | 250 | 104 | -.359 | .070 | -.089 | -.784 |
| 240 | 583 | .307 | .114 | .723 | .008 | 240 | 733 | -.529 | .098 | -.279 | -.974 | 250 | 105 | -.345 | .058 | -.137 | -.603 |
| 240 | 584 | .287 | .133 | .743 | -.106 | 240 | 734 | -.508 | .088 | -.282 | -1.006 | 250 | 106 | -.341 | .059 | -.124 | -.562 |
| 240 | 585 | .019 | .077 | .296 | -.239 | 240 | 735 | -.156 | .089 | .157 | -.490 | 250 | 107 | -.390 | .108 | -.018 | -1.186 |
| 240 | 586 | .104 | .073 | .375 | -.131 | 240 | 736 | -.547 | .119 | -.225 | -1.012 | 250 | 108 | -.373 | .090 | -.051 | -.988 |
| 240 | 587 | .226 | .082 | .576 | .022 | 240 | 901 | -.165 | .116 | .390 | -.531 | 250 | 109 | -.333 | .069 | -.020 | -.877 |
| 240 | 588 | .295 | .097 | .692 | .052 | 240 | 902 | -.195 | .106 | .250 | -.563 | 250 | 110 | -.317 | .060 | -.128 | -.633 |
| 240 | 589 | .256 | .107 | .659 | -.041 | 240 | 903 | -.156 | .042 | .049 | -.340 | 250 | 111 | -.336 | .055 | -.165 | -.568 |
| 240 | 590 | .199 | .113 | .630 | -.072 | 240 | 904 | -.315 | .057 | -.142 | -.760 | 250 | 112 | -.330 | .054 | -.152 | -.519 |
| 240 | 591 | .012 | .080 | .292 | -.254 | 240 | 905 | -.406 | .063 | -.216 | -.673 | 250 | 113 | -.390 | .088 | -.134 | -.896 |
| 240 | 592 | .108 | .074 | .366 | -.099 | 240 | 906 | -.216 | .071 | -.003 | -.461 | 250 | 114 | -.380 | .082 | -.141 | -.848 |
| 240 | 593 | .245 | .091 | .626 | .048 | 240 | 907 | -.311 | .050 | -.148 | -.513 | 250 | 115 | -.325 | .060 | -.143 | -.598 |
| 240 | 594 | .292 | .098 | .676 | .037 | 240 | 908 | -.366 | .065 | -.181 | -.746 | 250 | 116 | -.310 | .054 | -.159 | -.514 |
| 240 | 595 | .207 | .088 | .560 | -.039 | 240 | 909 | -.377 | .065 | -.139 | -.736 | 250 | 117 | -.287 | .050 | -.139 | -.469 |
| 240 | 596 | .161 | .085 | .559 | -.059 | 240 | 910 | -.374 | .065 | -.181 | -.775 | 250 | 118 | -.299 | .051 | -.165 | -.535 |
| 240 | 597 | .108 | .145 | .778 | -.418 | 240 | 911 | .295 | .105 | .711 | .049 | 250 | 119 | -.413 | .092 | -.117 | -1.109 |
| 240 | 598 | .195 | .136 | .654 | -.468 | 240 | 912 | .264 | .105 | .688 | .004 | 250 | 120 | -.408 | .083 | -.158 | -.941 |
| 240 | 599 | .124 | .117 | .536 | -.298 | 240 | 913 | .399 | .123 | .924 | .088 | 250 | 121 | -.347 | .064 | -.167 | -.634 |
| 240 | 600 | .084 | .106 | .550 | -.291 | 240 | 914 | .104 | .113 | .482 | -.325 | 250 | 122 | -.337 | .055 | -.186 | -.691 |
| 240 | 701 | -.370 | .109 | -.110 | -.965 | 240 | 915 | .107 | .099 | .427 | -.230 | 250 | 123 | -.320 | .053 | -.163 | -.573 |
| 240 | 702 | -.406 | .086 | -.173 | -.844 | 240 | 916 | .137 | .090 | .503 | -.164 | 250 | 124 | -.325 | .055 | -.160 | -.553 |
| 240 | 703 | -.360 | .079 | -.103 | -.893 | 240 | 917 | -.046 | .084 | .221 | -.480 | 250 | 125 | -.433 | .097 | -.067 | -.910 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 250 | 126 | -.418 | .088 | -.093 | -.831 | 250 | 176 | -.111 | .118 | .254 | -.615 | 250 | 248 | -.271 | .099 | -.011 | -.784 |
| 250 | 127 | -.399 | .083 | -.201 | -.903 | 250 | 177 | -.039 | .125 | .307 | -.521 | 250 | 249 | -.271 | .101 | .015 | -.923 |
| 250 | 128 | -.367 | .076 | -.131 | -.865 | 250 | 178 | -.091 | .126 | .297 | -.622 | 250 | 250 | -.371 | .077 | -.181 | -.889 |
| 250 | 129 | -.364 | .067 | -.174 | -.784 | 250 | 201 | -.258 | .050 | -.103 | -.429 | 250 | 251 | -.367 | .084 | -.163 | -.843 |
| 250 | 130 | -.353 | .058 | -.207 | -.711 | 250 | 202 | -.244 | .050 | -.082 | -.420 | 250 | 252 | -.397 | .083 | -.189 | -.823 |
| 250 | 131 | -.651 | .168 | -.208 | -1.311 | 250 | 203 | -.259 | .051 | -.106 | -.603 | 250 | 253 | -.342 | .055 | -.187 | -.559 |
| 250 | 132 | -.650 | .154 | -.220 | -1.185 | 250 | 204 | -.266 | .064 | -.111 | -1.010 | 250 | 254 | -.345 | .056 | -.202 | -.649 |
| 250 | 133 | -.362 | .067 | -.156 | -.693 | 250 | 205 | -.277 | .064 | -.094 | -.590 | 250 | 255 | -.373 | .069 | -.215 | -.664 |
| 250 | 134 | -.353 | .073 | -.140 | -.677 | 250 | 206 | -.299 | .070 | -.079 | -.656 | 250 | 256 | -.389 | .072 | -.193 | -.696 |
| 250 | 135 | -.348 | .067 | -.113 | -.606 | 250 | 207 | -.257 | .050 | -.096 | -.506 | 250 | 257 | -.380 | .067 | -.219 | -.654 |
| 250 | 136 | -.332 | .066 | -.113 | -.593 | 250 | 208 | -.254 | .050 | -.098 | -.509 | 250 | 258 | -.413 | .082 | -.233 | -.882 |
| 250 | 137 | -.455 | .081 | -.232 | -.822 | 250 | 209 | -.264 | .053 | -.102 | -.588 | 250 | 259 | -.387 | .074 | -.182 | -.670 |
| 250 | 138 | -.473 | .095 | -.227 | -.947 | 250 | 210 | -.243 | .054 | - 054 | -.593 | 250 | 260 | -.398 | .078 | -.216 | -.801 |
| 250 | 139 | -.486 | .088 | -.269 | -.918 | 250 | 211 | -.296 | .066 | -.079 | -.726 | 250 | 261 | -.393 | .073 | -.203 | -.789 |
| 250 | 140 | -.601 | .148 | -.194 | -1.141 | 250 | 212 | -.306 | .071 | -.074 | -.732 | 250 | 262 | -.511 | .121 | -.222 | -1.047 |
| 250 | 141 | -.261 | .072 | -.044 | -.562 | 250 | 213 | -.270 | .047 | -.112 | -.520 | 250 | 263 | -.501 | .121 | -.220 | -1.023 |
| 250 | 142 | -.255 | .060 | -.060 | -.507 | 250 | 214 | -.252 | .046 | -.113 | -.433 | 250 | 264 | -.511 | .118 | -.219 | -.908 |
| 250 | 143 | -.214 | .033 | -.100 | -.342 | 250 | 215 | -.276 | .048 | -.116 | -.455 | 250 | 265 | -.464 | .102 | -.216 | -.827 |
| 250 | 144 | -.236 | .060 | -.063 | -.479 | 250 | 216 | -.266 | .047 | -.113 | -.452 | 250 | 266 | -.465 | .099 | -.224 | -.813 |
| 250 | 145 | -.444 | .098 | -.174 | -.942 | 250 | 217 | -.284 | .052 | -.092 | -.527 | 250 | 267 | -.435 | .100 | -.196 | -.784 |
| 250 | 146 | -.529 | .123 | -.188 | -1.124 | 250 | 218 | -.293 | .057 | -.096 | -.578 | 250 | 268 | -.434 | .095 | -.219 | -.821 |
| 250 | 147 | -.238 | .076 | -.013 | -.569 | 250 | 219 | -.306 | .047 | -.161 | -.578 | 250 | 269 | -.453 | .140 | -.108 | -1.034 |
| 250 | 148 | -.228 | .060 | -.045 | -.468 | 250 | 220 | -.300 | .049 | -.085 | -.527 | 250 | 270 | -.453 | .140 | -.117 | -1.122 |
| 250 | 149 | -.183 | .041 | -.059 | -.349 | 250 | 221 | -.305 | .045 | -.160 | -.452 | 250 | 271 | -.411 | .102 | -.110 | -.774 |
| 250 | 150 | -.190 | .054 | -.037 | -.396 | 250 | 222 | -.283 | .050 | -.120 | -.462 | 250 | 272 | -.344 | .073 | -.124 | -.584 |
| 250 | 151 | -.366 | .110 | -.063 | -.781 | 250 | 223 | -.321 | .061 | -.146 | -.583 | 250 | 273 | -.311 | .075 | -.071 | -.606 |
| 250 | 152 | -.492 | .149 | -.137 | -1.053 | 250 | 224 | -.340 | .069 | -.143 | -.720 | 250 | 274 | -.310 | .077 | -.070 | -.648 |
| 250 | 153 | -.366 | .112 | -.156 | -1.183 | 250 | 225 | -.326 | .052 | -.160 | -.535 | 250 | 275 | -.434 | .130 | -.135 | -1.013 |
| 250 | 154 | -.330 | .102 | -.098 | -.848 | 250 | 226 | -.314 | .048 | -.173 | -.505 | 250 | 276 | -.447 | .130 | -.112 | -.900 |
| 250 | 155 | -.356 | .147 | -.046 | -1.175 | 250 | 227 | -.334 | .047 | -.198 | -.529 | 250 | 277 | -.372 | .090 | -.106 | -.676 |
| 250 | 156 | -.337 | .121 | -.057 | -1.006 | 250 | 228 | -.337 | .049 | -.120 | -.563 | 250 | 278 | -.284 | .080 | -.020 | -.691 |
| 250 | 157 | -.388 | .129 | .082 | -.822 | 250 | 229 | -.364 | .060 | -.138 | -.627 | 250 | 279 | -.217 | .083 | .061 | -.559 |
| 250 | 158 | -.423 | .146 | .125 | -1.058 | 250 | 230 | -.361 | .069 | -.144 | -.692 | 250 | 280 | -.234 | .083 | .032 | -.639 |
| 250 | 159 | -.458 | .169 | .120 | -1.219 | 250 | 231 | -.369 | .067 | -.188 | -.820 | 250 | 301 | -.768 | .214 | -.330 | -1.610 |
| 250 | 160 | -.256 | .139 | .182 | -.650 | 250 | 232 | -.364 | .057 | -.196 | -.584 | 250 | 302 | -.666 | .162 | -.140 | -1.184 |
| 250 | 161 | -.497 | .163 | .004 | -1.157 | 250 | 233 | -.390 | .084 | -.197 | -.860 | 250 | 303 | -.214 | .071 | -.013 | -.606 |
| 250 | 162 | -.340 | .117 | .016 | -.774 | 250 | 234 | -.375 | .084 | -.181 | -.949 | 250 | 304 | -.181 | .037 | -.045 | -.318 |
| 250 | 163 | -.333 | .119 | .082 | -.728 | 250 | 235 | -.372 | .070 | -.183 | -.776 | 250 | 305 | -.191 | .036 | -.076 | -.328 |
| 250 | 164 | -.338 | .097 | -.040 | -.665 | 250 | 236 | -.357 | .065 | -.170 | -.654 | 250 | 306 | -.221 | .041 | -.085 | -.381 |
| 250 | 165 | -.103 | .077 | .208 | -.438 | 250 | 237 | -.361 | .074 | -.131 | -.744 | 250 | 307 | -.781 | .208 | -.253 | -1.565 |
| 250 | 166 | -.194 | .093 | .040 | -.700 | 250 | 238 | -.341 | .072 | -.130 | -.733 | 250 | 308 | -.793 | .208 | -.205 | -1.611 |
| 250 | 167 | -.059 | .064 | .218 | -.359 | 250 | 239 | -.411 | .087 | -.178 | -.867 | 250 | 309 | -.188 | .076 | -.030 | -.627 |
| 250 | 168 | -.098 | .065 | .110 | -.463 | 250 | 240 | -.404 | .086 | -.179 | -.850 | 250 | 310 | -.150 | .039 | -.028 | -.321 |
| 250 | 169 | -.072 | .075 | .131 | -.436 | 250 | 241 | -.405 | .087 | -.216 | -.802 | 250 | 311 | -.186 | .037 | -.037 | -.319 |
| 250 | 170 | -.206 | .119 | .183 | -.649 | 250 | 242 | -.367 | .072 | -.151 | -.678 | 250 | 312 | -.212 | .042 | -.093 | -.361 |
| 250 | 171 | -.254 | .129 | .163 | -.746 | 250 | 243 | -.369 | .069 | -.131 | -.692 | 250 | 313 | -.663 | .158 | -.241 | -1.283 |
| 250 | 172 | -.263 | .131 | .152 | -.828 | 250 | 244 | -.342 | .082 | -.120 | -.823 | 250 | 314 | -.690 | .165 | -.218 | -1.210 |
| 250 | 173 | -.089 | .122 | .260 | -.539 | 250 | 245 | -.293 | .088 | -.058 | -.792 | 250 | 315 | -.309 | .221 | .097 | -1.110 |
| 250 | 174 | -.153 | .108 | .190 | -.612 | 250 | 246 | -.275 | .086 | -.052 | -.653 | 250 | 316 | -.129 | .058 | .002 | -.762 |
| 250 | 175 | -.087 | .119 | .278 | -.549 | 250 | 247 | -.311 | .103 | -.054 | -.978 | 250 | 317 | -.197 | .037 | -.082 | -.386 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|
| 250 | 318 | -.247 | .044 | -.121 | -.414 |
| 250 | 319 | -.660 | .179 | -.122 | -1.407 |
| 250 | 320 | -.683 | .184 | -.063 | -1.442 |
| 250 | 321 | -.345 | .223 | .067 | -1.174 |
| 250 | 322 | -.174 | .076 | -.003 | -.835 |
| 250 | 323 | -.237 | .041 | -.110 | -.557 |
| 250 | 324 | -.284 | .046 | -.128 | -.556 |
| 250 | 325 | -.664 | .194 | -.127 | -1.586 |
| 250 | 326 | -.652 | .193 | .036 | -1.516 |
| 250 | 327 | -.623 | .181 | -.129 | -1.382 |
| 250 | 328 | -.636 | .194 | .012 | -1.477 |
| 250 | 329 | -.643 | .225 | -.010 | -1.673 |
| 250 | 330 | -.575 | .231 | .146 | -1.533 |
| 250 | 331 | -.255 | .175 | .147 | -.995 |
| 250 | 332 | -.155 | .081 | .065 | -.686 |
| 250 | 333 | -.357 | .071 | -.177 | -.688 |
| 250 | 334 | -.333 | .058 | -.183 | -.552 |
| 250 | 336 | -.408 | .085 | -.211 | -.904 |
| 250 | 337 | -.391 | .068 | -.209 | -.671 |
| 250 | 338 | -.365 | .060 | -.213 | -.654 |
| 250 | 339 | -.371 | .064 | -.202 | -.756 |
| 250 | 340 | -.385 | .066 | -.213 | -.649 |
| 250 | 341 | -.386 | .068 | -.209 | -.678 |
| 250 | 342 | -.372 | .069 | -.196 | -.696 |
| 250 | 343 | -.409 | .076 | -.207 | -.786 |
| 250 | 344 | -.405 | .076 | -.186 | -.792 |
| 250 | 345 | -.411 | .076 | -.199 | -.765 |
| 250 | 346 | -.403 | .076 | -.208 | -.818 |
| 250 | 347 | -.601 | .268 | .054 | -1.565 |
| 250 | 348 | -.273 | .163 | .172 | -1.005 |
| 250 | 349 | -.350 | .229 | .090 | -1.634 |
| 250 | 350 | -.259 | .103 | -.010 | -.748 |
| 250 | 351 | -.291 | .065 | -.121 | -.599 |
| 250 | 352 | -.337 | .066 | -.142 | -.661 |
| 250 | 353 | -.754 | .302 | -.003 | -1.823 |
| 250 | 354 | -.561 | .259 | .111 | -1.330 |
| 250 | 355 | -.533 | .170 | -.029 | -1.321 |
| 250 | 356 | -.523 | .179 | .079 | -1.164 |
| 250 | 357 | -.176 | .108 | .083 | -.812 |
| 250 | 358 | -.178 | .046 | -.031 | -.373 |
| 250 | 359 | -.274 | .046 | -.134 | -.471 |
| 250 | 360 | -.309 | .052 | -.166 | -.579 |
| 250 | 361 | -.439 | .185 | .171 | -1.656 |
| 250 | 362 | -.388 | .197 | .178 | -1.507 |
| 250 | 363 | -.169 | .109 | .108 | -.720 |
| 250 | 364 | -.160 | .056 | .051 | -.468 |
| 250 | 365 | -.404 | .091 | -.181 | -.727 |
| 250 | 366 | -.397 | .081 | -.203 | -.690 |
| 250 | 367 | -.388 | .074 | -.198 | -.675 |
| 250 | 368 | -.479 | .116 | -.223 | -.980 |
| 250 | 369 | -.454 | .092 | -.235 | -.834 |
| 250 | 370 | -.435 | .092 | -.230 | -.823 |
| 250 | 371 | -.452 | .101 | -.215 | -.886 |
| 250 | 372 | -.451 | .098 | -.226 | -.922 |
| 250 | 373 | -.431 | .088 | -.140 | -.753 |
| 250 | 374 | -.452 | .213 | .138 | -1.427 |
| 250 | 375 | -.214 | .164 | .149 | -1.483 |
| 250 | 376 | -.301 | .170 | .091 | -1.059 |
| 250 | 377 | -.232 | .075 | -.002 | -.546 |
| 250 | 378 | -.294 | .075 | -.103 | -.542 |
| 250 | 379 | -.363 | .085 | -.142 | -.670 |
| 250 | 380 | -.406 | .207 | .161 | -1.356 |
| 250 | 381 | -.291 | .182 | .194 | -1.095 |
| 250 | 382 | -.324 | .134 | .105 | -.962 |
| 250 | 383 | -.270 | .147 | .152 | -.831 |
| 250 | 384 | -.114 | .067 | .094 | -.474 |
| 250 | 385 | -.165 | .043 | -.019 | -.384 |
| 250 | 386 | -.279 | .053 | -.152 | -.482 |
| 250 | 387 | -.336 | .070 | -.137 | -.611 |
| 250 | 388 | -.213 | .118 | .307 | -.786 |
| 250 | 389 | -.173 | .124 | .300 | -.600 |
| 250 | 390 | -.061 | .099 | .305 | -.520 |
| 250 | 391 | -.130 | .050 | .061 | -.346 |
| 250 | 392 | -.273 | .054 | -.107 | -.474 |
| 250 | 393 | -.365 | .070 | -.161 | -.639 |
| 250 | 394 | -.075 | .105 | .269 | -.696 |
| 250 | 395 | -.063 | .123 | .348 | -.828 |
| 250 | 396 | .046 | .109 | .703 | -.505 |
| 250 | 397 | -.351 | .121 | .042 | -.840 |
| 250 | 398 | -.240 | .083 | .031 | -.691 |
| 250 | 399 | -.160 | .045 | -.013 | -.358 |
| 250 | 400 | -.174 | .037 | -.045 | -.357 |
| 250 | 401 | -.240 | .055 | -.063 | -.403 |
| 250 | 402 | -.316 | .078 | -.102 | -.579 |
| 250 | 403 | -.270 | .099 | -.032 | -.721 |
| 250 | 404 | -.202 | .079 | .001 | -.611 |
| 250 | 405 | -.120 | .040 | .050 | -.276 |
| 250 | 406 | -.151 | .034 | .001 | -.273 |
| 250 | 407 | -.247 | .052 | -.079 | -.463 |
| 250 | 408 | -.329 | .081 | -.102 | -.707 |
| 250 | 501 | .011 | .069 | .277 | -.258 |
| 250 | 502 | .186 | .092 | .430 | -.165 |
| 250 | 503 | .226 | .099 | .504 | -.144 |
| 250 | 504 | .297 | .105 | .657 | -.059 |
| 250 | 505 | .370 | .111 | .780 | .020 |
| 250 | 506 | .256 | .106 | .600 | -.106 |
| 250 | 507 | .106 | .072 | .334 | -.130 |
| 250 | 508 | .257 | .094 | .554 | -.034 |
| 250 | 509 | .390 | .111 | .720 | .032 |
| 250 | 510 | .470 | .116 | .807 | .122 |
| 250 | 511 | .491 | .112 | .848 | .087 |
| 250 | 512 | .275 | .125 | .737 | -.165 |
| 250 | 513 | .059 | .067 | .286 | -.218 |
| 250 | 514 | .263 | .093 | .598 | -.024 |
| 250 | 515 | .512 | .128 | .897 | .144 |
| 250 | 516 | .599 | .137 | .972 | .204 |
| 250 | 517 | .456 | .122 | .804 | .039 |
| 250 | 518 | .172 | .114 | .561 | -.282 |
| 250 | 519 | .019 | .069 | .294 | -.222 |
| 250 | 520 | .198 | .097 | .576 | -.091 |
| 250 | 521 | .462 | .121 | .843 | .114 |
| 250 | 522 | .554 | .137 | .945 | .174 |
| 250 | 523 | .416 | .125 | .838 | -.035 |
| 250 | 524 | .160 | .119 | .669 | -.296 |
| 250 | 525 | .387 | .114 | .785 | .040 |
| 250 | 526 | .136 | .115 | .541 | -.350 |
| 250 | 527 | .367 | .119 | .801 | -.067 |
| 250 | 528 | .167 | .114 | .516 | -.287 |
| 250 | 529 | -.174 | .082 | .214 | -.431 |
| 250 | 530 | -.104 | .105 | .356 | -.392 |
| 250 | 531 | .046 | .097 | .351 | -.301 |
| 250 | 532 | .408 | .110 | .838 | .086 |
| 250 | 533 | .518 | .128 | .968 | .110 |
| 250 | 534 | .316 | .112 | .681 | -.082 |
| 250 | 535 | .120 | .111 | .618 | -.292 |
| 250 | 536 | -.238 | .097 | .190 | -.691 |
| 250 | 537 | -.359 | .172 | .167 | -1.092 |
| 250 | 538 | -.023 | .173 | .411 | -.668 |
| 250 | 539 | -.277 | .196 | .246 | -.877 |
| 250 | 540 | -.337 | .144 | .263 | -.723 |
| 250 | 541 | -.361 | .134 | .287 | -.766 |
| 250 | 542 | -.389 | .124 | .070 | -.818 |
| 250 | 543 | .002 | .135 | .390 | -.401 |
| 250 | 544 | -.094 | .119 | .550 | -.534 |
| 250 | 545 | -.055 | .089 | .213 | -.382 |
| 250 | 546 | -.066 | .081 | .223 | -.378 |
| 250 | 547 | .074 | .114 | .519 | -.246 |
| 250 | 548 | .026 | .099 | .487 | -.361 |
| 250 | 549 | -.009 | .159 | .488 | -.738 |
| 250 | 550 | .140 | .173 | .604 | -.749 |
| 250 | 551 | .387 | .179 | .873 | -.415 |
| 250 | 552 | .454 | .155 | .929 | -.329 |
| 250 | 553 | .383 | .130 | .803 | -.185 |
| 250 | 554 | .267 | .131 | .755 | -.310 |
| 250 | 555 | .359 | .134 | .794 | -.050 |
| 250 | 556 | .214 | .136 | .683 | -.247 |
| 250 | 557 | -.007 | .088 | .359 | -.245 |
| 250 | 558 | .103 | .100 | .467 | -.120 |
| 250 | 559 | .310 | .122 | .776 | .020 |
| 250 | 560 | .382 | .143 | .910 | -.034 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 250 | 561 | .307 | .132 | .708 | -.169 | 250 | 711 | -.592 | .198 | -.016 | -1.350 | 250 | 925 | .085 | .110 | .416 | -.306 |
| 250 | 562 | .149 | .128 | .606 | -.320 | 250 | 712 | -.840 | .288 | -.004 | -1.879 | 250 | 926 | -.320 | .183 | .028 | -1.287 |
| 250 | 563 | -.104 | .077 | .161 | -.378 | 250 | 713 | -.283 | .094 | -.008 | -.931 | 250 | 927 | -.081 | .091 | .146 | -.594 |
| 250 | 564 | -.080 | .088 | .293 | -.364 | 250 | 714 | -.024 | .075 | .242 | -.304 | 250 | 928 | -.100 | .096 | .154 | -.650 |
| 250 | 565 | .020 | .094 | .435 | -.260 | 250 | 715 | -.314 | .162 | .170 | -1.059 | 250 | 929 | -.510 | .093 | -.238 | -.859 |
| 250 | 566 | .305 | .117 | .900 | -.009 | 250 | 716 | -.078 | .116 | .297 | -.459 | 250 | 930 | -.506 | .091 | -.238 | -.873 |
| 250 | 567 | .368 | .133 | .878 | -.016 | 250 | 717 | -.439 | .273 | .234 | -1.313 | 250 | 931 | -.482 | .090 | -.236 | -.846 |
| 250 | 568 | .290 | .120 | .695 | -.045 | 250 | 718 | -.793 | .251 | .149 | -2.206 | 250 | 932 | -.509 | .098 | -.227 | -.907 |
| 250 | 569 | .110 | .123 | .639 | -.268 | 250 | 719 | -.700 | .263 | .091 | -2.428 | 250 | 933 | -.485 | .096 | -.155 | -.911 |
| 250 | 570 | -.163 | .094 | .155 | -.507 | 250 | 720 | -.432 | .314 | .368 | -1.826 | 250 | 934 | -.478 | .091 | -.169 | -.849 |
| 250 | 571 | -.260 | .129 | .154 | -.735 | 250 | 721 | -.522 | .274 | .252 | -1.592 | 250 | 935 | -.509 | .095 | -.189 | -1.011 |
| 250 | 572 | -.005 | .163 | .383 | -.642 | 250 | 722 | -.218 | .235 | .421 | -1.259 | 250 | 936 | -.515 | .109 | -.166 | -1.028 |
| 250 | 573 | -.117 | .143 | .408 | -.602 | 250 | 723 | -.209 | .169 | .307 | -.809 | 250 | 937 | -.417 | .081 | -.113 | -.804 |
| 250 | 574 | -.094 | .137 | .282 | -.687 | 250 | 724 | -.103 | .121 | .240 | -1.131 | 250 | 938 | -.422 | .085 | -.138 | -.771 |
| 250 | 575 | -.119 | .125 | .256 | -.612 | 250 | 725 | -.237 | .050 | -.095 | -.430 | 250 | 939 | -.376 | .096 | -.048 | -.743 |
| 250 | 576 | -.010 | .133 | .410 | -.614 | 250 | 726 | -.257 | .047 | -.105 | -.442 | 250 | 940 | -.330 | .073 | -.021 | -.715 |
| 250 | 577 | -.078 | .141 | .422 | -.829 | 250 | 727 | -.325 | .047 | -.184 | -.507 | 250 | 941 | -.296 | .080 | -.070 | -.561 |
| 250 | 578 | .002 | .151 | .516 | -.733 | 250 | 728 | -.407 | .081 | -.221 | -.848 | 250 | 942 | -.273 | .092 | .011 | -.605 |
| 250 | 579 | .111 | .185 | .639 | -.635 | 250 | 729 | -.397 | .075 | -.207 | -.711 | 260 | 101 | -.396 | .144 | .118 | -1.061 |
| 250 | 580 | .249 | .199 | .766 | -.753 | 250 | 730 | -.386 | .085 | -.187 | -1.071 | 260 | 102 | -.397 | .133 | .126 | -1.055 |
| 250 | 581 | .247 | .168 | .877 | -.635 | 250 | 731 | -.361 | .073 | -.201 | -.740 | 260 | 103 | -.410 | .131 | .018 | -1.144 |
| 250 | 582 | .204 | .162 | .808 | -.576 | 250 | 732 | -.413 | .089 | -.208 | -.877 | 260 | 104 | -.406 | .097 | -.122 | -.942 |
| 250 | 583 | .221 | .159 | .864 | -.387 | 250 | 733 | -.478 | .118 | -.178 | -.969 | 260 | 105 | -.398 | .081 | -.185 | -.708 |
| 250 | 584 | .171 | .150 | .653 | -.632 | 250 | 734 | -.462 | .100 | -.247 | -.963 | 260 | 106 | -.409 | .089 | -.183 | -1.104 |
| 250 | 585 | .018 | .072 | .396 | -.193 | 250 | 735 | -.188 | .092 | .141 | -.546 | 260 | 107 | -.424 | .148 | .001 | -1.052 |
| 250 | 586 | .074 | .068 | .382 | -.120 | 250 | 736 | -.431 | .140 | -.108 | -1.005 | 260 | 108 | -.405 | .123 | .004 | -.876 |
| 250 | 587 | .144 | .094 | .578 | -.053 | 250 | 901 | -.194 | .128 | .286 | -.773 | 260 | 109 | -.408 | .119 | -.047 | -1.036 |
| 250 | 588 | .177 | .114 | .614 | -.075 | 250 | 902 | -.213 | .125 | .195 | -.719 | 260 | 110 | -.388 | .100 | -.165 | -.975 |
| 250 | 589 | .126 | .132 | .574 | -.212 | 250 | 903 | -.167 | .047 | .121 | -.362 | 260 | 111 | -.394 | .087 | -.160 | -.983 |
| 250 | 590 | .076 | .130 | .553 | -.268 | 250 | 904 | -.276 | .056 | -.070 | -.550 | 260 | 112 | -.383 | .084 | -.157 | -.989 |
| 250 | 591 | .047 | .075 | .314 | -.241 | 250 | 905 | -.365 | .069 | -.150 | -.683 | 260 | 113 | -.460 | .172 | -.019 | -1.411 |
| 250 | 592 | .116 | .076 | .494 | -.117 | 250 | 906 | -.181 | .070 | .018 | -.488 | 260 | 114 | -.448 | .149 | -.001 | -1.211 |
| 250 | 593 | .204 | .095 | .637 | -.020 | 250 | 907 | -.292 | .053 | -.112 | -.517 | 260 | 115 | -.389 | .108 | -.035 | -1.141 |
| 250 | 594 | .227 | .106 | .692 | -.012 | 250 | 908 | -.349 | .069 | -.166 | -.690 | 260 | 116 | -.367 | .090 | -.136 | -.877 |
| 250 | 595 | .129 | .094 | .509 | -.106 | 250 | 909 | -.370 | .089 | -.160 | -.776 | 260 | 117 | -.336 | .079 | -.116 | -.890 |
| 250 | 596 | .084 | .086 | .548 | -.172 | 250 | 910 | -.377 | .092 | -.171 | -.837 | 260 | 118 | -.329 | .085 | -.111 | -.873 |
| 250 | 597 | .043 | .127 | .546 | -.351 | 250 | 911 | .336 | .129 | .822 | -.005 | 260 | 119 | -.468 | .170 | -.009 | -1.394 |
| 250 | 598 | .111 | .140 | .643 | -.425 | 250 | 912 | .323 | .131 | .834 | .011 | 260 | 120 | -.458 | .144 | -.092 | -1.144 |
| 250 | 599 | .063 | .108 | .439 | -.269 | 250 | 913 | .396 | .137 | .892 | .038 | 260 | 121 | -.399 | .124 | -.003 | -1.022 |
| 250 | 600 | .039 | .112 | .482 | -.368 | 250 | 914 | .068 | .110 | .418 | -.437 | 260 | 122 | -.391 | .111 | -.114 | -1.212 |
| 250 | 701 | -.357 | .132 | -.072 | -1.215 | 250 | 915 | .085 | .096 | .412 | -.262 | 260 | 123 | -.365 | .099 | -.123 | -1.137 |
| 250 | 702 | -.408 | .132 | .016 | -1.374 | 250 | 916 | .117 | .091 | .511 | -.246 | 260 | 124 | -.367 | .101 | -.133 | -1.106 |
| 250 | 703 | -.390 | .098 | -.145 | -1.043 | 250 | 917 | -.169 | .117 | .088 | -.854 | 260 | 125 | -.450 | .142 | -.082 | -1.060 |
| 250 | 704 | -.417 | .097 | -.116 | -.930 | 250 | 918 | -.087 | .078 | .165 | -.437 | 260 | 126 | -.435 | .125 | -.067 | -1.106 |
| 250 | 705 | -.368 | .068 | -.163 | -.744 | 250 | 919 | -.094 | .075 | .179 | -.408 | 260 | 127 | -.464 | .123 | -.111 | -.967 |
| 250 | 706 | -.253 | .092 | .006 | -.620 | 250 | 920 | .429 | .119 | .848 | -.014 | 260 | 128 | -.463 | .145 | -.100 | -1.276 |
| 250 | 707 | -.336 | .058 | -.162 | -.670 | 250 | 921 | .369 | .114 | .844 | .048 | 260 | 129 | -.452 | .147 | -.163 | -1.478 |
| 250 | 708 | -.307 | .053 | -.113 | -.570 | 250 | 922 | .473 | .136 | .959 | .042 | 260 | 130 | -.440 | .135 | -.159 | -1.329 |
| 250 | 709 | -.358 | .064 | -.206 | -.767 | 250 | 923 | .000 | .127 | .442 | -.434 | 260 | 131 | -.716 | .190 | -.197 | -1.337 |
| 250 | 710 | -.459 | .096 | -.169 | -.915 | 250 | 924 | .024 | .113 | .411 | -.377 | 260 | 132 | -.731 | .180 | -.251 | -1.517 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 260 | 133 | -.291 | .076 | -.090 | -.564 | 260 | 205 | -.295 | .092 | -.008 | -.693 | 260 | 255 | -.348 | .098 | -.135 | -1.071 |
| 260 | 134 | -.276 | .070 | -.088 | -.605 | 260 | 206 | -.325 | .104 | -.003 | -.796 | 260 | 256 | -.357 | .094 | -.154 | -1.072 |
| 260 | 135 | -.275 | .068 | -.043 | -.622 | 260 | 207 | -.267 | .075 | -.022 | -.638 | 260 | 257 | -.344 | .086 | -.137 | -.840 |
| 260 | 136 | -.277 | .076 | -.083 | -.721 | 260 | 208 | -.260 | .074 | -.039 | -.634 | 260 | 258 | -.353 | .096 | -.139 | -1.104 |
| 260 | 137 | -.480 | .129 | -.178 | -1.012 | 260 | 209 | -.263 | .072 | -.058 | -.606 | 260 | 259 | -.332 | .081 | -.119 | -.634 |
| 260 | 138 | -.538 | .145 | -.204 | -1.160 | 260 | 210 | -.267 | .072 | -.076 | -.650 | 260 | 260 | -.333 | .078 | -.154 | -.782 |
| 260 | 139 | -.378 | .083 | -.152 | -.800 | 260 | 211 | -.315 | .096 | -.042 | -.828 | 260 | 261 | -.303 | .072 | -.119 | -.619 |
| 260 | 140 | -.515 | .154 | -.118 | -1.144 | 260 | 212 | -.326 | .104 | -.017 | -.837 | 260 | 262 | -.427 | .118 | -.180 | -.925 |
| 260 | 141 | -.194 | .069 | -.008 | -.508 | 260 | 213 | -.270 | .081 | -.017 | -.921 | 260 | 263 | -.419 | .118 | -.182 | -.922 |
| 260 | 142 | -.190 | .056 | -.033 | -.444 | 260 | 214 | -.260 | .077 | -.011 | -.609 | 260 | 264 | -.450 | .129 | -.191 | -1.058 |
| 260 | 143 | -.162 | .031 | -.072 | -.298 | 260 | 215 | -.278 | .071 | -.059 | -.645 | 260 | 265 | -.410 | .112 | -.156 | -.908 |
| 260 | 144 | -.163 | .047 | .004 | -.492 | 260 | 216 | -.262 | .062 | -.105 | -.546 | 260 | 266 | -.397 | .107 | -.152 | -.893 |
| 260 | 145 | -.374 | .118 | -.066 | -1.145 | 260 | 217 | -.284 | .074 | -.086 | -.700 | 260 | 267 | -.395 | .117 | -.146 | -.910 |
| 260 | 146 | -.476 | .132 | -.141 | -1.265 | 260 | 218 | -.312 | .089 | -.028 | -.713 | 260 | 268 | -.369 | .110 | -.052 | -.993 |
| 260 | 147 | -.175 | .068 | .033 | -.527 | 260 | 219 | -.293 | .086 | -.044 | -.690 | 260 | 269 | -.390 | .134 | -.099 | -1.059 |
| 260 | 148 | -.169 | .052 | .006 | -.375 | 260 | 220 | -.282 | .080 | -.071 | -.628 | 260 | 270 | -.382 | .130 | -.101 | -.998 |
| 260 | 149 | -.135 | .038 | .023 | -.271 | 260 | 221 | -.263 | .056 | -.108 | -.544 | 260 | 271 | -.305 | .082 | -.080 | -.662 |
| 260 | 150 | -.129 | .048 | .064 | -.296 | 260 | 222 | -.256 | .054 | -.093 | -.469 | 260 | 272 | -.268 | .064 | -.060 | -.604 |
| 260 | 151 | -.241 | .087 | .116 | -.709 | 260 | 223 | -.315 | .080 | -.059 | -.712 | 260 | 273 | -.227 | .061 | -.010 | -.592 |
| 260 | 152 | -.363 | .119 | .040 | -.918 | 260 | 224 | -.349 | .100 | -.027 | -.827 | 260 | 274 | -.228 | .067 | -.015 | -.703 |
| 260 | 153 | -.285 | .109 | -.116 | -.990 | 260 | 225 | -.294 | .079 | -.086 | -.690 | 260 | 275 | -.378 | .141 | -.075 | -1.143 |
| 260 | 154 | -.252 | .100 | -.059 | -.771 | 260 | 226 | -.277 | .074 | -.096 | -.839 | 260 | 276 | -.382 | .139 | -.095 | -1.021 |
| 260 | 155 | -.253 | .126 | -.006 | -1.057 | 260 | 227 | -.289 | .064 | -.111 | -.668 | 260 | 277 | -.247 | .074 | -.040 | -.668 |
| 260 | 156 | -.242 | .107 | .008 | -.846 | 260 | 228 | -.290 | .060 | -.135 | -.583 | 260 | 278 | -.201 | .058 | .010 | -.671 |
| 260 | 157 | -.233 | .155 | .349 | -.852 | 260 | 229 | -.327 | .082 | -.094 | -.736 | 260 | 279 | -.168 | .063 | .099 | -.580 |
| 260 | 158 | -.254 | .176 | .247 | -.851 | 260 | 230 | -.333 | .091 | -.076 | -.798 | 260 | 280 | -.190 | .065 | .052 | -.512 |
| 260 | 159 | -.306 | .183 | .193 | -1.136 | 260 | 231 | -.313 | .073 | -.131 | -.653 | 260 | 301 | -.976 | .303 | -.344 | -1.875 |
| 260 | 160 | .005 | .119 | .362 | -.480 | 260 | 232 | -.313 | .079 | -.119 | -.856 | 260 | 302 | -.743 | .187 | -.261 | -1.274 |
| 260 | 161 | -.227 | .174 | .244 | -.931 | 260 | 233 | -.334 | .090 | -.139 | -1.398 | 260 | 303 | -.474 | .139 | -.160 | -1.026 |
| 260 | 162 | -.123 | .119 | .225 | -.593 | 260 | 234 | -.338 | .099 | -.122 | -1.157 | 260 | 304 | -.305 | .101 | -.030 | -.733 |
| 260 | 163 | -.121 | .125 | .257 | -.537 | 260 | 235 | -.329 | .088 | -.126 | -.833 | 260 | 305 | -.236 | .069 | .009 | -.582 |
| 260 | 164 | -.142 | .111 | .140 | -.693 | 260 | 236 | -.300 | .074 | -.115 | -.788 | 260 | 306 | -.248 | .067 | -.007 | -.543 |
| 260 | 165 | -.016 | .085 | .295 | -.419 | 260 | 237 | -.292 | .082 | -.120 | -.765 | 260 | 307 | -1.042 | .316 | -.296 | -2.103 |
| 260 | 166 | -.056 | .094 | .222 | -.593 | 260 | 238 | -.272 | .079 | -.035 | -.653 | 260 | 308 | -1.047 | .301 | -.301 | -2.024 |
| 260 | 167 | .057 | .071 | .346 | -.161 | 260 | 239 | -.363 | .100 | -.133 | -.936 | 260 | 309 | -.482 | .161 | -.083 | -1.043 |
| 260 | 168 | -.001 | .053 | .199 | -.287 | 260 | 240 | -.357 | .098 | -.095 | -.903 | 260 | 310 | -.290 | .105 | .009 | -.800 |
| 260 | 169 | .036 | .068 | .355 | -.237 | 260 | 241 | -.358 | .103 | -.089 | -1.034 | 260 | 311 | -.241 | .065 | -.002 | -.575 |
| 260 | 170 | -.003 | .124 | .413 | -.471 | 260 | 242 | -.339 | .104 | -.117 | -.958 | 260 | 312 | -.253 | .063 | -.039 | -.510 |
| 260 | 171 | -.048 | .135 | .382 | -.623 | 260 | 243 | -.301 | .077 | -.113 | -.631 | 260 | 313 | -.726 | .155 | -.273 | -1.373 |
| 260 | 172 | -.059 | .139 | .360 | -.639 | 260 | 244 | -.260 | .086 | -.083 | -.918 | 260 | 314 | -.732 | .161 | -.263 | -1.388 |
| 260 | 173 | .099 | .107 | .508 | -.328 | 260 | 245 | -.208 | .091 | .017 | -.710 | 260 | 315 | -.676 | .199 | -.091 | -1.333 |
| 260 | 174 | .028 | .108 | .412 | -.428 | 260 | 246 | -.190 | .079 | -.006 | -.626 | 260 | 316 | -.398 | .188 | .007 | -1.089 |
| 260 | 175 | .122 | .096 | .464 | -.255 | 260 | 247 | -.231 | .099 | .007 | -.845 | 260 | 317 | -.292 | .105 | -.005 | -.842 |
| 260 | 176 | .070 | .095 | .419 | -.340 | 260 | 248 | -.185 | .092 | .054 | -.938 | 260 | 318 | -.291 | .099 | -.040 | -.817 |
| 260 | 177 | .137 | .093 | .475 | -.169 | 260 | 249 | -.190 | .085 | -.005 | -.686 | 260 | 319 | -.715 | .205 | -.184 | -1.818 |
| 260 | 178 | .109 | .099 | .472 | -.344 | 260 | 250 | -.309 | .096 | -.115 | -.992 | 260 | 320 | -.715 | .209 | -.159 | -1.861 |
| 260 | 201 | -.267 | .077 | -.011 | -.640 | 260 | 251 | -.313 | .111 | -.105 | -1.031 | 260 | 321 | -.599 | .211 | -.057 | -1.385 |
| 260 | 202 | -.252 | .076 | -.006 | -.632 | 260 | 252 | -.344 | .106 | -.131 | -1.042 | 260 | 322 | -.385 | .182 | -.003 | -1.206 |
| 260 | 203 | -.269 | .076 | -.027 | -.677 | 260 | 253 | -.299 | .086 | -.130 | -1.095 | 260 | 323 | -.304 | .118 | -.037 | -.862 |
| 260 | 204 | -.291 | .076 | -.015 | -.637 | 260 | 254 | -.309 | .081 | -.129 | -.738 | 260 | 324 | -.304 | .122 | .017 | -.881 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 260 | 325 | -.694 | .210 | -.234 | -1.766 | 260 | 376 | -.495 | .194 | -.053 | -1.482 | 260 | 518 | .040 | .094 | .358 | -.373 |
| 260 | 326 | -.692 | .210 | -.226 | -1.659 | 260 | 377 | -.342 | .105 | -.092 | -.780 | 260 | 519 | .080 | .088 | .349 | -.309 |
| 260 | 327 | -.705 | .218 | -.194 | -1.783 | 260 | 378 | -.313 | .088 | -.108 | -.933 | 260 | 520 | .278 | .112 | .728 | -.220 |
| 260 | 328 | -.703 | .222 | -.144 | -1.784 | 260 | 379 | -.379 | .096 | -.136 | -.921 | 260 | 521 | .497 | .133 | .848 | .077 |
| 260 | 329 | -.687 | .233 | -.148 | -1.768 | 260 | 380 | -.557 | .205 | .015 | -1.582 | 260 | 522 | .522 | .140 | .919 | .118 |
| 260 | 330 | -.673 | .232 | -.068 | -1.829 | 260 | 381 | -.445 | .175 | .029 | -1.398 | 260 | 523 | .305 | .116 | .675 | -.052 |
| 260 | 331 | -.508 | .227 | .010 | -1.465 | 260 | 382 | -.455 | .130 | .015 | -1.093 | 260 | 524 | .039 | .110 | .451 | -.419 |
| 260 | 332 | -.295 | .152 | .014 | -1.057 | 260 | 383 | -.427 | .145 | .049 | -.995 | 260 | 525 | .292 | .122 | .682 | -.119 |
| 260 | 333 | -.302 | .091 | -.096 | -.777 | 260 | 384 | -.300 | .132 | .015 | -.872 | 260 | 526 | .023 | .119 | .524 | -.502 |
| 260 | 334 | -.290 | .092 | -.095 | -.866 | 260 | 385 | -.249 | .084 | -.050 | -.680 | 260 | 527 | .266 | .127 | .620 | -.121 |
| 260 | 336 | -.332 | .101 | -.094 | -1.025 | 260 | 386 | -.286 | .069 | -.092 | -.830 | 260 | 528 | .046 | .121 | .456 | -.352 |
| 260 | 337 | -.318 | .091 | -.042 | -.765 | 260 | 387 | -.319 | .073 | -.120 | -.656 | 260 | 529 | -.124 | .108 | .197 | -.599 |
| 260 | 338 | -.313 | .089 | -.119 | -.784 | 260 | 388 | -.331 | .090 | -.064 | -.776 | 260 | 530 | -.011 | .122 | .356 | -.464 |
| 260 | 339 | -.361 | .095 | -.159 | -.790 | 260 | 389 | -.334 | .096 | -.024 | -.716 | 260 | 531 | .154 | .114 | .521 | -.184 |
| 260 | 340 | -.353 | .083 | -.161 | -.708 | 260 | 390 | -.272 | .114 | .084 | -.640 | 260 | 532 | .447 | .132 | .865 | .102 |
| 260 | 341 | -.354 | .085 | -.152 | -.698 | 260 | 391 | -.163 | .070 | .150 | -.530 | 260 | 533 | .493 | .143 | 1.007 | .094 |
| 260 | 342 | -.353 | .090 | -.136 | -.716 | 260 | 392 | -.247 | .061 | -.067 | -.522 | 260 | 534 | .234 | .116 | .648 | -.131 |
| 260 | 343 | -.348 | .086 | -.144 | -.780 | 260 | 393 | -.315 | .079 | -.106 | -.675 | 260 | 535 | .029 | .114 | .427 | -.479 |
| 260 | 344 | -.335 | .081 | -.137 | -.713 | 260 | 394 | -.255 | .115 | .167 | -.697 | 260 | 536 | -.166 | .130 | .351 | -.790 |
| 260 | 345 | -.329 | .085 | -.118 | -.765 | 260 | 395 | -.258 | .107 | .111 | -.668 | 260 | 537 | -.162 | .174 | .454 | -.804 |
| 260 | 346 | -.303 | .082 | -.075 | -.682 | 260 | 396 | -.215 | .133 | .192 | -.714 | 260 | 538 | .072 | .140 | .582 | -.564 |
| 260 | 347 | -.928 | .298 | -.119 | -2.203 | 260 | 397 | -.295 | .090 | -.030 | -.669 | 260 | 539 | .028 | .153 | .450 | -.528 |
| 260 | 348 | -.553 | .234 | .030 | -1.844 | 260 | 398 | -.258 | .080 | -.040 | -.600 | 260 | 540 | -.103 | .146 | .399 | -.656 |
| 260 | 349 | -.827 | .318 | -.109 | -1.973 | 260 | 399 | -.194 | .056 | -.020 | -.504 | 260 | 541 | -.118 | .165 | .525 | -.585 |
| 260 | 350 | -.447 | .167 | -.117 | -1.070 | 260 | 400 | -.186 | .050 | .013 | -.407 | 260 | 542 | -.172 | .141 | .427 | -.610 |
| 260 | 351 | -.351 | .115 | -.107 | -.824 | 260 | 401 | -.234 | .056 | -.049 | -.511 | 260 | 543 | -.034 | .112 | .361 | -.434 |
| 260 | 352 | -.340 | .103 | -.135 | -.856 | 260 | 402 | -.275 | .080 | -.056 | -.616 | 260 | 544 | -.011 | .104 | .413 | -.406 |
| 260 | 353 | -.962 | .333 | -.182 | -2.548 | 260 | 403 | -.235 | .088 | .133 | -.647 | 260 | 545 | .049 | .084 | .397 | -.269 |
| 260 | 354 | -.727 | .272 | -.047 | -1.729 | 260 | 404 | -.205 | .077 | .128 | -.712 | 260 | 546 | .054 | .083 | .487 | -.243 |
| 260 | 355 | -.661 | .181 | -.122 | -1.602 | 260 | 405 | -.163 | .049 | .050 | -.389 | 260 | 547 | .051 | .084 | .420 | -.167 |
| 260 | 356 | -.635 | .191 | -.113 | -1.430 | 260 | 406 | -.161 | .043 | .041 | -.308 | 260 | 548 | .074 | .080 | .447 | -.234 |
| 260 | 357 | -.335 | .149 | -.065 | -1.055 | 260 | 407 | -.209 | .054 | -.027 | -.427 | 260 | 549 | .084 | .196 | .663 | -.556 |
| 260 | 358 | -.245 | .066 | -.071 | -.582 | 260 | 408 | -.269 | .077 | -.050 | -.645 | 260 | 550 | .174 | .216 | .764 | -.557 |
| 260 | 359 | -.279 | .068 | -.120 | -.581 | 260 | 501 | .077 | .083 | .400 | -.216 | 260 | 551 | .312 | .240 | .895 | -.493 |
| 260 | 360 | -.298 | .076 | -.135 | -.614 | 260 | 502 | .230 | .097 | .555 | -.076 | 260 | 552 | .338 | .222 | .864 | -.799 |
| 260 | 361 | -.460 | .173 | -.082 | -1.169 | 260 | 503 | .267 | .104 | .569 | -.050 | 260 | 553 | .244 | .162 | .725 | -.490 |
| 260 | 362 | -.454 | .182 | -.004 | -1.208 | 260 | 504 | .294 | .106 | .622 | -.042 | 260 | 554 | .089 | .163 | .554 | -.593 |
| 260 | 363 | -.303 | .152 | .007 | -1.018 | 260 | 505 | .286 | .109 | .676 | -.048 | 260 | 555 | .222 | .157 | .696 | -.365 |
| 260 | 364 | -.209 | .082 | .060 | -.578 | 260 | 506 | .082 | .101 | .431 | -.332 | 260 | 556 | .008 | .167 | .562 | -.593 |
| 260 | 365 | -.365 | .092 | -.100 | -.817 | 260 | 507 | .179 | .089 | .475 | -.100 | 260 | 557 | .105 | .118 | .547 | -.221 |
| 260 | 366 | -.340 | .092 | -.108 | -.785 | 260 | 508 | .357 | .107 | .682 | .011 | 260 | 558 | .181 | .122 | .673 | -.133 |
| 260 | 367 | -.338 | .088 | -.110 | -.728 | 260 | 509 | .444 | .124 | .799 | .008 | 260 | 559 | .291 | .138 | .819 | -.022 |
| 260 | 368 | -.409 | .125 | -.149 | -1.026 | 260 | 510 | .474 | .123 | .826 | .103 | 260 | 560 | .273 | .146 | .802 | -.056 |
| 260 | 369 | -.373 | .101 | -.135 | -.858 | 260 | 511 | .394 | .099 | .756 | -.004 | 260 | 561 | .113 | .138 | .639 | -.207 |
| 260 | 370 | -.384 | .104 | -.153 | -.873 | 260 | 512 | .077 | .107 | .401 | -.311 | 260 | 562 | -.074 | .141 | .539 | -.471 |
| 260 | 371 | -.397 | .114 | -.112 | -.925 | 260 | 513 | .112 | .088 | .449 | -.310 | 260 | 563 | .046 | .097 | .429 | -.316 |
| 260 | 372 | -.401 | .118 | .055 | -.968 | 260 | 514 | .334 | .100 | .639 | .014 | 260 | 564 | .075 | .102 | .466 | -.299 |
| 260 | 373 | -.349 | .111 | .034 | -.911 | 260 | 515 | .560 | .123 | .929 | .159 | 260 | 565 | .146 | .107 | .538 | -.201 |
| 260 | 374 | -.635 | .253 | -.029 | -2.068 | 260 | 516 | .593 | .124 | .946 | .221 | 260 | 566 | .341 | .138 | .927 | -.069 |
| 260 | 375 | -.568 | .305 | .017 | -1.932 | 260 | 517 | .365 | .107 | .793 | .050 | 260 | 567 | .308 | .148 | .940 | -.145 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 260 | 568 | .135 | .127 | .524 | -.212 | 260 | 718 | -.771 | .229 | -.195 | -2.042 | 260 | 932 | -.530 | .116 | -.240 | -1.194 |
| 260 | 569 | -.052 | .112 | .449 | -.514 | 260 | 719 | -.738 | .281 | -.093 | -2.321 | 260 | 933 | -.505 | .104 | -.214 | -.871 |
| 260 | 570 | .004 | .110 | .452 | -.349 | 260 | 720 | -.788 | .381 | .172 | -2.159 | 260 | 934 | -.504 | .109 | -.076 | -.987 |
| 260 | 571 | -.023 | .137 | .482 | -.471 | 260 | 721 | -.552 | .225 | .053 | -1.648 | 260 | 935 | -.522 | .105 | -.242 | -.948 |
| 260 | 572 | .107 | .104 | .502 | -.372 | 260 | 722 | -.586 | .298 | .207 | -1.743 | 260 | 936 | -.542 | .125 | -.121 | -1.215 |
| 260 | 573 | .089 | .119 | .476 | -.411 | 260 | 723 | -.427 | .139 | .123 | -1.179 | 260 | 937 | -.448 | .109 | -.047 | -.935 |
| 260 | 574 | .118 | .092 | .452 | -.330 | 260 | 724 | -.293 | .110 | .154 | -.745 | 260 | 938 | -.456 | .096 | -.062 | -.831 |
| 260 | 575 | .117 | .100 | .582 | -.398 | 260 | 725 | -.274 | .072 | -.037 | -.613 | 260 | 939 | -.410 | .107 | .007 | -.805 |
| 260 | 576 | .192 | .079 | .588 | -.089 | 260 | 726 | -.308 | .114 | -.046 | -1.019 | 260 | 940 | -.370 | .108 | .035 | -.840 |
| 260 | 577 | -.037 | .178 | .576 | -.807 | 260 | 727 | -.316 | .098 | -.085 | -.894 | 260 | 941 | -.360 | .092 | -.061 | -.692 |
| 260 | 578 | -.033 | .176 | .556 | -.784 | 260 | 728 | -.373 | .102 | -.151 | -1.167 | 260 | 942 | -.279 | .103 | .032 | -.711 |
| 260 | 579 | -.037 | .164 | .563 | -.855 | 260 | 729 | -.337 | .084 | -.122 | -.690 | 270 | 101 | -.319 | .115 | .078 | -.983 |
| 260 | 580 | .002 | .177 | .606 | -.725 | 260 | 730 | -.347 | .105 | -.118 | -1.255 | 270 | 102 | -.340 | .126 | .160 | -1.059 |
| 260 | 581 | -.037 | .181 | .770 | -.756 | 260 | 731 | -.353 | .102 | -.120 | -1.148 | 270 | 103 | -.467 | .151 | .030 | -1.293 |
| 260 | 582 | -.121 | .194 | .689 | -.920 | 260 | 732 | -.364 | .099 | -.122 | -.884 | 270 | 104 | -.575 | .135 | -.139 | -1.110 |
| 260 | 583 | -.060 | .156 | .780 | -.769 | 260 | 733 | -.425 | .121 | -.168 | -1.144 | 270 | 105 | -.656 | .190 | -.252 | -1.322 |
| 260 | 584 | -.140 | .175 | .453 | -.772 | 260 | 734 | -.441 | .122 | -.120 | -1.117 | 270 | 106 | -.683 | .279 | -.225 | -2.109 |
| 260 | 585 | .115 | .084 | .456 | -.200 | 260 | 735 | -.263 | .130 | .281 | -.953 | 270 | 107 | -.353 | .124 | -.023 | -1.012 |
| 260 | 586 | .123 | .075 | .480 | -.152 | 260 | 736 | -.364 | .138 | -.053 | -1.012 | 270 | 108 | -.349 | .124 | .011 | -.903 |
| 260 | 587 | .093 | .065 | .384 | -.140 | 260 | 901 | -.165 | .130 | .405 | -.605 | 270 | 109 | -.443 | .145 | .049 | -1.229 |
| 260 | 588 | .055 | .065 | .453 | -.216 | 260 | 902 | -.176 | .126 | .326 | -.667 | 270 | 110 | -.563 | .143 | -.065 | -1.135 |
| 260 | 589 | -.092 | .095 | .368 | -.416 | 260 | 903 | -.170 | .075 | .132 | -.622 | 270 | 111 | -.751 | .293 | -.209 | -1.796 |
| 260 | 590 | -.172 | .106 | .300 | -.513 | 260 | 904 | -.238 | .069 | -.026 | -.548 | 270 | 112 | -.733 | .297 | -.215 | -1.847 |
| 260 | 591 | .144 | .080 | .494 | -.128 | 260 | 905 | -.293 | .070 | -.100 | -.760 | 270 | 113 | -.431 | .201 | .126 | -1.495 |
| 260 | 592 | .167 | .076 | .514 | -.065 | 260 | 906 | -.174 | .076 | .068 | -.577 | 270 | 114 | -.419 | .179 | .108 | -1.329 |
| 260 | 593 | .153 | .080 | .591 | -.040 | 260 | 907 | -.238 | .055 | -.075 | -.512 | 270 | 115 | -.505 | .177 | .104 | -1.224 |
| 260 | 594 | .097 | .078 | .502 | -.076 | 260 | 908 | -.279 | .069 | -.129 | -.590 | 270 | 116 | -.592 | .195 | .042 | -1.387 |
| 260 | 595 | -.059 | .078 | .332 | -.286 | 260 | 909 | -.265 | .078 | -.061 | -.652 | 270 | 117 | -.559 | .193 | -.122 | -1.603 |
| 260 | 596 | -.099 | .080 | .278 | -.351 | 260 | 910 | -.267 | .080 | -.095 | -.685 | 270 | 118 | -.570 | .184 | -.137 | -1.246 |
| 260 | 597 | -.224 | .157 | .376 | -.673 | 260 | 911 | .376 | .151 | 1.095 | -.087 | 270 | 119 | -.438 | .211 | .068 | -1.478 |
| 260 | 598 | -.213 | .198 | .351 | -.873 | 260 | 912 | .379 | .154 | 1.012 | -.089 | 270 | 120 | -.427 | .184 | .039 | -1.071 |
| 260 | 599 | -.193 | .141 | .237 | -.671 | 260 | 913 | .387 | .156 | .961 | -.054 | 270 | 121 | -.499 | .187 | .045 | -1.203 |
| 260 | 600 | -.212 | .157 | .389 | -1.064 | 260 | 914 | .067 | .107 | .475 | -.432 | 270 | 122 | -.589 | .194 | -.033 | -1.346 |
| 260 | 701 | -.267 | .112 | -.043 | -.846 | 260 | 915 | .085 | .101 | .499 | -.385 | 270 | 123 | -.572 | .191 | -.172 | -1.356 |
| 260 | 702 | -.447 | .179 | .026 | -1.248 | 260 | 916 | .101 | .107 | .600 | -.238 | 270 | 124 | -.568 | .190 | -.136 | -1.369 |
| 260 | 703 | -.452 | .168 | -.069 | -1.233 | 260 | 917 | -.277 | .156 | .038 | -1.102 | 270 | 125 | -.322 | .138 | .016 | -1.126 |
| 260 | 704 | -.441 | .145 | -.052 | -.998 | 260 | 918 | -.148 | .095 | .289 | -.538 | 270 | 126 | -.320 | .129 | .018 | -.961 |
| 260 | 705 | -.302 | .083 | -.072 | -.654 | 260 | 919 | -.146 | .090 | .211 | -.523 | 270 | 127 | -.419 | .155 | -.048 | -1.040 |
| 260 | 706 | -.197 | .091 | .059 | -.643 | 260 | 920 | .468 | .138 | .959 | -.000 | 270 | 128 | -.607 | .213 | -.058 | -1.346 |
| 260 | 707 | -.404 | .091 | -.160 | -1.231 | 260 | 921 | .434 | .137 | 1.010 | -.026 | 270 | 129 | -.728 | .283 | -.168 | -1.836 |
| 260 | 708 | -.345 | .081 | -.131 | -.901 | 260 | 922 | .494 | .144 | 1.190 | .086 | 270 | 130 | -.721 | .268 | -.192 | -1.810 |
| 260 | 709 | -.455 | .153 | -.169 | -1.357 | 260 | 923 | .016 | .124 | .342 | -.434 | 270 | 131 | -.855 | .221 | -.232 | -1.665 |
| 260 | 710 | -.454 | .136 | -.136 | -1.229 | 260 | 924 | .049 | .110 | .358 | -.352 | 270 | 132 | -.878 | .224 | -.238 | -1.904 |
| 260 | 711 | -.430 | .157 | .100 | -1.086 | 260 | 925 | .102 | .102 | .526 | -.329 | 270 | 133 | -.240 | .064 | -.093 | -.590 |
| 260 | 712 | -.379 | .238 | .228 | -1.498 | 260 | 926 | -.525 | .222 | .001 | -1.378 | 270 | 134 | -.228 | .059 | -.032 | -.468 |
| 260 | 713 | -.124 | .109 | .263 | -.801 | 260 | 927 | -.250 | .166 | .131 | -1.133 | 270 | 135 | -.234 | .057 | -.069 | -.506 |
| 260 | 714 | .044 | .069 | .337 | -.222 | 260 | 928 | -.263 | .158 | .104 | -.989 | 270 | 136 | -.307 | .090 | -.083 | -.721 |
| 260 | 715 | -.070 | .166 | .475 | -.764 | 260 | 929 | -.525 | .103 | -.271 | -.869 | 270 | 137 | -.679 | .171 | -.226 | -1.237 |
| 260 | 716 | .109 | .097 | .546 | -.346 | 260 | 930 | -.533 | .107 | -.267 | -.989 | 270 | 138 | -.735 | .201 | -.254 | -1.467 |
| 260 | 717 | -.971 | .319 | -.168 | -2.067 | 260 | 931 | -.507 | .108 | -.226 | -.946 | 270 | 139 | -.526 | .130 | -.192 | -.947 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 270 | 140 | -.721 | .206 | -.183 | -1.374 | 270 | 212 | -.329 | .104 | -.022 | -.780 | 270 | 262 | -.401 | .112 | -.123 | -.922 |
| 270 | 141 | -.182 | .063 | -.008 | -.595 | 270 | 213 | -.363 | .120 | -.043 | -.884 | 270 | 263 | -.383 | .110 | -.136 | -.892 |
| 270 | 142 | -.182 | .054 | -.016 | -.506 | 270 | 214 | -.316 | .096 | -.001 | -.781 | 270 | 264 | -.364 | .104 | -.142 | -.748 |
| 270 | 143 | -.162 | .033 | -.054 | -.338 | 270 | 215 | -.297 | .068 | -.071 | -.666 | 270 | 265 | -.349 | .100 | -.124 | -.847 |
| 270 | 144 | -.202 | .072 | -.017 | -.529 | 270 | 216 | -.301 | .080 | -.108 | -.678 | 270 | 266 | -.323 | .089 | -.133 | -.717 |
| 270 | 145 | -.466 | .131 | -.108 | -.938 | 270 | 217 | -.326 | .113 | -.031 | -.836 | 270 | 267 | -.317 | .105 | -.045 | -.838 |
| 270 | 146 | -.512 | .143 | -.180 | -1.114 | 270 | 218 | -.333 | .121 | .011 | -.791 | 270 | 268 | -.319 | .096 | .045 | -.722 |
| 270 | 147 | -.169 | .065 | .033 | -.587 | 270 | 219 | -.328 | .115 | -.029 | -.828 | 270 | 269 | -.401 | .135 | -.096 | -1.066 |
| 270 | 148 | -.164 | .054 | .011 | -.397 | 270 | 220 | -.300 | .092 | -.036 | -.769 | 270 | 270 | -.390 | .132 | -.105 | -1.080 |
| 270 | 149 | -.136 | .040 | -.014 | -.266 | 270 | 221 | -.243 | .058 | -.009 | -.569 | 270 | 271 | -.324 | .096 | -.089 | -.730 |
| 270 | 150 | -.149 | .053 | .049 | -.368 | 270 | 222 | -.253 | .068 | -.047 | -.607 | 270 | 272 | -.292 | .081 | -.086 | -.864 |
| 270 | 151 | -.325 | .122 | -.027 | -.855 | 270 | 223 | -.312 | .108 | .071 | -.754 | 270 | 273 | -.259 | .074 | -.094 | -.653 |
| 270 | 152 | -.470 | .169 | -.108 | -1.158 | 270 | 224 | -.337 | .129 | .103 | -.834 | 270 | 274 | -.254 | .076 | -.048 | -.639 |
| 270 | 153 | -.269 | .100 | -.108 | -.899 | 270 | 225 | -.305 | .086 | -.082 | -.694 | 270 | 275 | -.361 | .128 | -.052 | -.917 |
| 270 | 154 | -.241 | .093 | -.069 | -.827 | 270 | 226 | -.275 | .075 | -.086 | -.600 | 270 | 276 | -.376 | .151 | -.036 | -1.066 |
| 270 | 155 | -.268 | .118 | -.063 | -1.226 | 270 | 227 | -.263 | .062 | -.096 | -.582 | 270 | 277 | -.260 | .090 | -.003 | -.663 |
| 270 | 156 | -.263 | .103 | -.031 | -.997 | 270 | 228 | -.268 | .069 | -.069 | -.565 | 270 | 278 | -.232 | .076 | .065 | -.702 |
| 270 | 157 | -.086 | .171 | .357 | -.756 | 270 | 229 | -.278 | .085 | -.033 | -.656 | 270 | 279 | -.200 | .069 | .143 | -.579 |
| 270 | 158 | -.098 | .200 | .396 | -.849 | 270 | 230 | -.266 | .084 | -.062 | -.694 | 270 | 280 | -.222 | .079 | .050 | -.846 |
| 270 | 159 | -.171 | .199 | .307 | -1.050 | 270 | 231 | -.303 | .095 | -.081 | -.796 | 270 | 301 | -.484 | .131 | -.226 | -1.348 |
| 270 | 160 | .049 | .113 | .431 | -.386 | 270 | 232 | -.313 | .085 | -.106 | -.782 | 270 | 302 | -.535 | .135 | -.221 | -1.361 |
| 270 | 161 | -.099 | .153 | .406 | -.952 | 270 | 233 | -.302 | .097 | -.103 | -.797 | 270 | 303 | -.532 | .139 | -.123 | -1.139 |
| 270 | 162 | -.018 | .107 | .350 | -.425 | 270 | 234 | -.306 | .087 | -.105 | -.772 | 270 | 304 | -.471 | .139 | .065 | -1.149 |
| 270 | 163 | -.036 | .112 | .321 | -.426 | 270 | 235 | -.292 | .080 | .010 | -.676 | 270 | 305 | -.377 | .138 | .047 | -.991 |
| 270 | 164 | -.023 | .094 | .259 | -.424 | 270 | 236 | -.275 | .076 | -.078 | -.631 | 270 | 306 | -.379 | .136 | .038 | -.945 |
| 270 | 165 | .060 | .076 | .342 | -.235 | 270 | 237 | -.258 | .074 | -.103 | -.656 | 270 | 307 | -.504 | .153 | -.181 | -1.735 |
| 270 | 166 | .022 | .072 | .333 | -.370 | 270 | 238 | -.263 | .075 | -.074 | -.680 | 270 | 308 | -.515 | .153 | -.203 | -1.642 |
| 270 | 167 | .083 | .066 | .409 | -.127 | 270 | 239 | -.343 | .104 | -.147 | -.813 | 270 | 309 | -.490 | .133 | .011 | -1.039 |
| 270 | 168 | .041 | .053 | .264 | -.151 | 270 | 240 | -.339 | .102 | -.137 | -.925 | 270 | 310 | -.469 | .150 | .055 | -1.240 |
| 270 | 169 | .068 | .070 | .376 | -.170 | 270 | 241 | -.350 | .124 | -.110 | -1.194 | 270 | 311 | -.381 | .134 | .013 | -.887 |
| 270 | 170 | .154 | .146 | .675 | -.311 | 270 | 242 | -.313 | .104 | -.103 | -.886 | 270 | 312 | -.378 | .135 | -.022 | -.964 |
| 270 | 171 | .113 | .158 | .629 | -.386 | 270 | 243 | -.298 | .084 | -.113 | -.673 | 270 | 313 | -.458 | .140 | -.157 | -1.129 |
| 270 | 172 | .100 | .159 | .563 | -.516 | 270 | 244 | -.266 | .083 | -.110 | -.937 | 270 | 314 | -.461 | .144 | -.152 | -1.167 |
| 270 | 173 | .251 | .109 | .643 | -.105 | 270 | 245 | -.213 | .082 | .022 | -.665 | 270 | 315 | -.479 | .158 | -.135 | -1.363 |
| 270 | 174 | .171 | .104 | .519 | -.274 | 270 | 246 | -.199 | .076 | -.030 | -.811 | 270 | 316 | -.442 | .160 | .093 | -1.272 |
| 270 | 175 | .203 | .086 | .556 | -.144 | 270 | 247 | -.231 | .089 | -.015 | -.926 | 270 | 317 | -.438 | .167 | -.018 | -1.255 |
| 270 | 176 | .162 | .087 | .484 | -.263 | 270 | 248 | -.217 | .093 | -.016 | -.937 | 270 | 318 | -.454 | .196 | .012 | -1.477 |
| 270 | 177 | .226 | .101 | .675 | -.022 | 270 | 249 | -.195 | .078 | .022 | -.680 | 270 | 319 | -.435 | .160 | -.089 | -1.381 |
| 270 | 178 | .209 | .098 | .637 | -.149 | 270 | 250 | -.323 | .094 | -.105 | -.840 | 270 | 320 | -.439 | .162 | -.079 | -1.414 |
| 270 | 201 | -.353 | .112 | .003 | -.876 | 270 | 251 | -.305 | .092 | -.082 | -.848 | 270 | 321 | -.454 | .166 | -.003 | -1.148 |
| 270 | 202 | -.325 | .108 | .008 | -.795 | 270 | 252 | -.341 | .097 | -.085 | -.744 | 270 | 322 | -.422 | .160 | .098 | -1.102 |
| 270 | 203 | -.334 | .093 | -.071 | -.823 | 270 | 253 | -.323 | .094 | -.113 | -.896 | 270 | 323 | -.434 | .182 | -.008 | -1.255 |
| 270 | 204 | -.324 | .090 | -.029 | -.722 | 270 | 254 | -.318 | .092 | -.081 | -.772 | 270 | 324 | -.447 | .218 | .042 | -1.654 |
| 270 | 205 | -.304 | .101 | .006 | -.701 | 270 | 255 | -.339 | .101 | -.138 | -.966 | 270 | 325 | -.452 | .190 | -.123 | -1.438 |
| 270 | 206 | -.309 | .100 | -.018 | -.784 | 270 | 256 | -.330 | .090 | -.147 | -.765 | 270 | 326 | -.451 | .192 | -.128 | -1.493 |
| 270 | 207 | -.351 | .109 | -.005 | -.902 | 270 | 257 | -.327 | .089 | -.125 | -.756 | 270 | 327 | -.446 | .177 | -.147 | -1.601 |
| 270 | 208 | -.331 | .095 | -.027 | -.832 | 270 | 258 | -.324 | .094 | -.139 | -.925 | 270 | 328 | -.449 | .182 | -.147 | -1.777 |
| 270 | 209 | -.313 | .081 | -.098 | -.857 | 270 | 259 | -.290 | .080 | -.108 | -.681 | 270 | 329 | -.441 | .190 | -.108 | -1.865 |
| 270 | 210 | -.311 | .086 | -.079 | -.820 | 270 | 260 | -.322 | .087 | -.094 | -.664 | 270 | 330 | -.433 | .191 | -.099 | -2.030 |
| 270 | 211 | -.329 | .102 | -.022 | -.781 | 270 | 261 | -.291 | .084 | .002 | -.620 | 270 | 331 | -.483 | .194 | -.111 | -1.634 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 270 | 332 | -.408 | .140 | .017 | -1.064 | 270 | 383 | -.473 | .149 | -.124 | -1.224 | 270 | 525 | .283 | .106 | .567 | -.144 |
| 270 | 333 | -.386 | .124 | -.033 | -1.033 | 270 | 384 | -.440 | .158 | -.083 | -1.251 | 270 | 526 | .056 | .104 | .351 | -.496 |
| 270 | 334 | -.381 | .138 | -.067 | -1.156 | 270 | 385 | -.353 | .123 | -.079 | -.856 | 270 | 527 | .262 | .110 | .576 | -.179 |
| 270 | 336 | -.353 | .111 | -.076 | -.920 | 270 | 386 | -.325 | .096 | -.104 | -.751 | 270 | 528 | .074 | .107 | .349 | -.440 |
| 270 | 337 | -.361 | .125 | -.083 | -1.143 | 270 | 387 | -.332 | .096 | -.105 | -.724 | 270 | 529 | -.088 | .143 | .279 | -.579 |
| 270 | 338 | -.316 | .096 | -.082 | -.749 | 270 | 388 | -.400 | .111 | .051 | -.860 | 270 | 530 | .102 | .139 | .507 | -.399 |
| 270 | 339 | -.373 | .116 | -.086 | -.897 | 270 | 389 | -.414 | .114 | .010 | -.895 | 270 | 531 | .256 | .112 | .617 | -.061 |
| 270 | 340 | -.344 | .096 | -.114 | -.877 | 270 | 390 | -.408 | .125 | .017 | -1.045 | 270 | 532 | .492 | .136 | .923 | .124 |
| 270 | 341 | -.345 | .095 | -.120 | -.835 | 270 | 391 | -.244 | .118 | .147 | -.750 | 270 | 533 | .487 | .140 | .961 | .058 |
| 270 | 342 | -.339 | .099 | -.096 | -.769 | 270 | 392 | -.243 | .089 | .080 | -.716 | 270 | 534 | .212 | .108 | .592 | -.193 |
| 270 | 343 | -.326 | .094 | -.106 | -.735 | 270 | 393 | -.281 | .089 | .019 | -.765 | 270 | 535 | .050 | .115 | .360 | -.488 |
| 270 | 344 | -.318 | .088 | -.119 | -.719 | 270 | 394 | -.372 | .116 | .010 | -1.012 | 270 | 536 | -.147 | .157 | .363 | -.845 |
| 270 | 345 | -.307 | .092 | -.068 | -.709 | 270 | 395 | -.367 | .125 | .123 | -.986 | 270 | 537 | .025 | .152 | .572 | -.574 |
| 270 | 346 | -.281 | .082 | -.008 | -.611 | 270 | 396 | -.336 | .144 | .459 | -1.052 | 270 | 538 | .118 | .124 | .513 | -.362 |
| 270 | 347 | -.742 | .237 | -.120 | -1.692 | 270 | 397 | -.310 | .129 | .096 | -.969 | 270 | 539 | .106 | .141 | .595 | -.467 |
| 270 | 348 | -.710 | .230 | -.135 | -2.145 | 270 | 398 | -.302 | .114 | -.030 | -.732 | 270 | 540 | -.001 | .144 | .556 | -.537 |
| 270 | 349 | -.645 | .227 | -.188 | -1.622 | 270 | 399 | -.194 | .088 | .057 | -.610 | 270 | 541 | .031 | .175 | .772 | -.529 |
| 270 | 350 | -.464 | .152 | -.119 | -1.139 | 270 | 400 | -.160 | .067 | .087 | -.503 | 270 | 542 | -.075 | .140 | .663 | -.567 |
| 270 | 351 | -.401 | .127 | -.079 | -.993 | 270 | 401 | -.201 | .068 | .016 | -.609 | 270 | 543 | .049 | .115 | .410 | -.410 |
| 270 | 352 | -.395 | .126 | -.085 | -1.170 | 270 | 402 | -.249 | .074 | -.080 | -.592 | 270 | 544 | .062 | .093 | .471 | -.320 |
| 270 | 353 | -.895 | .260 | -.267 | -2.214 | 270 | 403 | -.260 | .132 | .164 | -.824 | 270 | 545 | .067 | .093 | .605 | -.225 |
| 270 | 354 | -.787 | .205 | -.189 | -1.541 | 270 | 404 | -.232 | .131 | .137 | -.872 | 270 | 546 | .060 | .075 | .551 | -.114 |
| 270 | 355 | -.665 | .153 | -.233 | -1.465 | 270 | 405 | -.154 | .093 | .192 | -.606 | 270 | 547 | .090 | .090 | .527 | -.189 |
| 270 | 356 | -.666 | .153 | -.232 | -1.284 | 270 | 406 | -.122 | .070 | .209 | -.424 | 270 | 548 | .129 | .098 | .693 | -.103 |
| 270 | 357 | -.511 | .164 | -.067 | -1.295 | 270 | 407 | -.162 | .060 | .061 | -.408 | 270 | 549 | .276 | .173 | .720 | -.495 |
| 270 | 358 | -.323 | .111 | .015 | -.918 | 270 | 408 | -.230 | .081 | -.002 | -.585 | 270 | 550 | .347 | .184 | .785 | -.569 |
| 270 | 359 | -.338 | .115 | -.051 | -.849 | 270 | 501 | .082 | .097 | .404 | -.228 | 270 | 551 | .405 | .194 | .981 | -.294 |
| 270 | 360 | -.346 | .112 | -.063 | -.874 | 270 | 502 | .260 | .101 | .552 | -.069 | 270 | 552 | .353 | .184 | .932 | -.399 |
| 270 | 361 | -.491 | .153 | -.129 | -1.352 | 270 | 503 | .287 | .103 | .570 | -.041 | 270 | 553 | .187 | .146 | .662 | -.445 |
| 270 | 362 | -.514 | .159 | -.110 | -1.455 | 270 | 504 | .275 | .103 | .591 | -.071 | 270 | 554 | -.004 | .137 | .477 | -.610 |
| 270 | 363 | -.468 | .149 | -.038 | -1.049 | 270 | 505 | .214 | .103 | .531 | -.186 | 270 | 555 | .155 | .125 | .574 | -.391 |
| 270 | 364 | -.262 | .124 | .122 | -.760 | 270 | 506 | .046 | .087 | .314 | -.284 | 270 | 556 | -.081 | .125 | .368 | -.616 |
| 270 | 365 | -.320 | .087 | -.062 | -.750 | 270 | 507 | .174 | .107 | .513 | -.262 | 270 | 557 | .247 | .125 | .639 | -.148 |
| 270 | 366 | -.306 | .086 | -.041 | -.696 | 270 | 508 | .371 | .109 | .679 | .015 | 270 | 558 | .309 | .136 | .749 | -.054 |
| 270 | 367 | -.319 | .092 | -.033 | -.805 | 270 | 509 | .444 | .114 | .751 | .092 | 270 | 559 | .404 | .144 | .926 | .008 |
| 270 | 368 | -.346 | .105 | -.055 | -.813 | 270 | 510 | .438 | .115 | .806 | .007 | 270 | 560 | .330 | .142 | .949 | -.028 |
| 270 | 369 | -.328 | .091 | -.080 | -.744 | 270 | 511 | .336 | .111 | .710 | -.068 | 270 | 561 | .082 | .116 | .548 | -.232 |
| 270 | 370 | -.321 | .091 | -.110 | -.693 | 270 | 512 | .117 | .090 | .387 | -.274 | 270 | 562 | -.137 | .105 | .213 | -.491 |
| 270 | 371 | -.326 | .093 | -.119 | -.764 | 270 | 513 | .086 | .102 | .529 | -.270 | 270 | 563 | .210 | .116 | .626 | -.125 |
| 270 | 372 | -.322 | .109 | .024 | -.786 | 270 | 514 | .362 | .117 | .697 | .030 | 270 | 564 | .252 | .127 | .734 | -.103 |
| 270 | 373 | -.270 | .095 | .050 | -.760 | 270 | 515 | .571 | .137 | 1.027 | .216 | 270 | 565 | .293 | .117 | .731 | -.078 |
| 270 | 374 | -.570 | .231 | -.115 | -1.924 | 270 | 516 | .562 | .132 | 1.000 | .192 | 270 | 566 | .460 | .149 | .957 | .012 |
| 270 | 375 | -.572 | .248 | -.117 | -1.772 | 270 | 517 | .313 | .107 | .624 | -.066 | 270 | 567 | .371 | .146 | .916 | -.052 |
| 270 | 376 | -.520 | .178 | -.108 | -1.412 | 270 | 518 | .055 | .098 | .367 | -.269 | 270 | 568 | .104 | .104 | .510 | -.305 |
| 270 | 377 | -.407 | .124 | -.085 | -.986 | 270 | 519 | .059 | .110 | .385 | -.459 | 270 | 569 | -.090 | .094 | .322 | -.431 |
| 270 | 378 | -.354 | .113 | -.086 | -1.000 | 270 | 520 | .290 | .116 | .706 | -.118 | 270 | 570 | .150 | .122 | .557 | -.213 |
| 270 | 379 | -.384 | .127 | -.122 | -.956 | 270 | 521 | .559 | .130 | .959 | .182 | 270 | 571 | .133 | .145 | .654 | -.421 |
| 270 | 380 | -.551 | .191 | -.182 | -1.565 | 270 | 522 | .544 | .127 | 1.002 | .153 | 270 | 572 | .220 | .096 | .557 | -.113 |
| 270 | 381 | -.526 | .175 | -.173 | -1.330 | 270 | 523 | .303 | .104 | .624 | -.062 | 270 | 573 | .235 | .113 | .674 | -.095 |
| 270 | 382 | -.477 | .143 | -.125 | -1.071 | 270 | 524 | .083 | .100 | .342 | -.357 | 270 | 574 | .199 | .084 | .564 | -.065 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 270 | 575 | .198 | .086 | .566 | -.054 | 270 | 725 | -.395 | .140 | -.000 | -1.020 | 270 | 939 | -.464 | .125 | -.019 | -.931 |
| 270 | 576 | .281 | .099 | .679 | .011 | 270 | 726 | -.430 | .198 | -.025 | -1.365 | 270 | 940 | -.368 | .123 | .078 | -.831 |
| 270 | 577 | .202 | .212 | .799 | -.836 | 270 | 727 | -.379 | .141 | -.101 | -1.184 | 270 | 941 | -.401 | .100 | -.002 | -.754 |
| 270 | 578 | .204 | .215 | .775 | -.615 | 270 | 728 | -.340 | .107 | -.091 | -.969 | 270 | 942 | -.383 | .122 | .125 | -.807 |
| 270 | 579 | .154 | .197 | .690 | -.479 | 270 | 729 | -.324 | .101 | -.119 | -.864 | 280 | 101 | -.232 | .056 | .019 | -.466 |
| 270 | 580 | .104 | .161 | .624 | -.448 | 270 | 730 | -.359 | .120 | -.059 | -1.007 | 280 | 102 | -.230 | .055 | -.009 | -.484 |
| 270 | 581 | -.028 | .142 | .536 | -.575 | 270 | 731 | -.315 | .097 | -.070 | -1.005 | 280 | 103 | -.271 | .072 | -.011 | -.673 |
| 270 | 582 | -.143 | .140 | .318 | -.701 | 270 | 732 | -.295 | .087 | -.055 | -.762 | 280 | 104 | -.388 | .106 | -.137 | -.789 |
| 270 | 583 | -.051 | .120 | .394 | -.586 | 270 | 733 | -.388 | .114 | -.106 | -.935 | 280 | 105 | -.759 | .201 | -.258 | -1.386 |
| 270 | 584 | -.173 | .127 | .308 | -.769 | 270 | 734 | -.349 | .115 | -.087 | -1.037 | 280 | 106 | -1.218 | .386 | -.311 | -2.480 |
| 270 | 585 | .233 | .111 | .647 | -.173 | 270 | 735 | -.331 | .182 | .197 | -1.137 | 280 | 107 | -.251 | .050 | -.070 | -.426 |
| 270 | 586 | .243 | .110 | .672 | -.167 | 270 | 736 | -.372 | .149 | -.055 | -1.031 | 280 | 108 | -.234 | .046 | -.044 | -.500 |
| 270 | 587 | .189 | .102 | .570 | -.085 | 270 | 901 | -.299 | .122 | .197 | -.814 | 280 | 109 | -.251 | .070 | -.066 | -.665 |
| 270 | 588 | .107 | .081 | .477 | -.089 | 270 | 902 | -.308 | .136 | .254 | -.906 | 280 | 110 | -.358 | .106 | -.097 | -.742 |
| 270 | 589 | -.097 | .067 | .274 | -.332 | 270 | 903 | -.239 | .122 | .211 | -1.011 | 280 | 111 | -1.107 | .257 | -.384 | -1.982 |
| 270 | 590 | -.195 | .071 | .098 | -.459 | 270 | 904 | -.257 | .110 | .203 | -.831 | 280 | 112 | -1.083 | .280 | -.366 | -2.097 |
| 270 | 591 | .237 | .100 | .635 | -.033 | 270 | 905 | -.274 | .086 | -.010 | -.581 | 280 | 113 | -.274 | .073 | -.045 | -.724 |
| 270 | 592 | .276 | .092 | .645 | -.039 | 270 | 906 | -.205 | .126 | .254 | -1.044 | 280 | 114 | -.259 | .077 | -.039 | -.697 |
| 270 | 593 | .253 | .097 | .693 | .044 | 270 | 907 | -.249 | .075 | -.009 | -.570 | 280 | 115 | -.334 | .162 | .038 | -1.085 |
| 270 | 594 | .153 | .084 | .507 | -.050 | 270 | 908 | -.267 | .082 | -.091 | -.767 | 280 | 116 | -.688 | .206 | -.043 | -1.306 |
| 270 | 595 | -.059 | .067 | .265 | -.252 | 270 | 909 | -.274 | .089 | -.067 | -.761 | 280 | 117 | -.796 | .166 | -.202 | -1.581 |
| 270 | 596 | -.152 | .066 | .173 | -.454 | 270 | 910 | -.272 | .093 | -.052 | -.751 | 280 | 118 | -.765 | .155 | -.211 | -1.635 |
| 270 | 597 | -.383 | .139 | .202 | -1.065 | 270 | 911 | .441 | .154 | 1.004 | -.033 | 280 | 119 | -.285 | .102 | .084 | -.971 |
| 270 | 598 | -.420 | .194 | .254 | -1.445 | 270 | 912 | .430 | .150 | .950 | -.083 | 280 | 120 | -.276 | .102 | .040 | -.863 |
| 270 | 599 | -.332 | .155 | .411 | -.946 | 270 | 913 | .372 | .152 | .948 | -.035 | 280 | 121 | -.377 | .197 | -.006 | -1.184 |
| 270 | 600 | -.367 | .172 | .387 | -1.117 | 270 | 914 | .064 | .104 | .418 | -.353 | 280 | 122 | -.678 | .211 | -.021 | -1.338 |
| 270 | 701 | -.276 | .115 | -.033 | -1.017 | 270 | 915 | .090 | .099 | .467 | -.334 | 280 | 123 | -.801 | .186 | -.238 | -1.576 |
| 270 | 702 | -.369 | .135 | .020 | -1.261 | 270 | 916 | .089 | .101 | .555 | -.241 | 280 | 124 | -.791 | .186 | -.246 | -1.583 |
| 270 | 703 | -.442 | .219 | .011 | -1.379 | 270 | 917 | -.444 | .181 | -.032 | -1.352 | 280 | 125 | -.273 | .062 | -.099 | -.682 |
| 270 | 704 | -.319 | .141 | .018 | -1.145 | 270 | 918 | -.204 | .147 | .374 | -.944 | 280 | 126 | -.257 | .060 | -.072 | -.566 |
| 270 | 705 | -.252 | .071 | -.093 | -.644 | 270 | 919 | -.192 | .139 | .338 | -.966 | 280 | 127 | -.292 | .110 | -.075 | -.757 |
| 270 | 706 | -.182 | .075 | .056 | -.571 | 270 | 920 | .480 | .138 | 1.042 | .105 | 280 | 128 | -.528 | .215 | -.037 | -1.296 |
| 270 | 707 | -.715 | .304 | -.197 | -2.017 | 270 | 921 | .453 | .131 | .923 | .087 | 280 | 129 | -.857 | .239 | -.254 | -1.823 |
| 270 | 708 | -.576 | .221 | -.124 | -2.007 | 270 | 922 | .454 | .135 | .884 | .099 | 280 | 130 | -.855 | .225 | -.290 | -1.713 |
| 270 | 709 | -.753 | .304 | -.186 | -2.195 | 270 | 923 | .046 | .121 | .400 | -.445 | 280 | 131 | -.873 | .183 | -.277 | -1.667 |
| 270 | 710 | -.643 | .186 | -.151 | -1.450 | 270 | 924 | .074 | .113 | .372 | -.375 | 280 | 132 | -.881 | .189 | -.329 | -1.831 |
| 270 | 711 | -.607 | .220 | -.071 | -1.529 | 270 | 925 | .121 | .108 | .601 | -.293 | 280 | 133 | -.259 | .051 | -.099 | -.447 |
| 270 | 712 | -.204 | .221 | .402 | -1.141 | 270 | 926 | -.462 | .196 | -.082 | -1.654 | 280 | 134 | -.242 | .049 | -.098 | -.411 |
| 270 | 713 | -.030 | .109 | .442 | -.756 | 270 | 927 | -.369 | .149 | .057 | -1.125 | 280 | 135 | -.232 | .049 | -.077 | -.440 |
| 270 | 714 | .065 | .077 | .516 | -.192 | 270 | 928 | -.368 | .149 | .050 | -1.206 | 280 | 136 | -.302 | .082 | -.045 | -.664 |
| 270 | 715 | .158 | .173 | .705 | -.568 | 270 | 929 | -.353 | .104 | -.272 | -.977 | 280 | 137 | -.771 | .159 | -.344 | -1.343 |
| 270 | 716 | .221 | .099 | .721 | -.214 | 270 | 930 | -.366 | .105 | -.241 | -.979 | 280 | 138 | -.824 | .183 | -.384 | -1.575 |
| 270 | 717 | -.573 | .186 | -.239 | -2.109 | 270 | 931 | -.353 | .106 | -.193 | -.966 | 280 | 139 | -.598 | .114 | -.297 | -1.064 |
| 270 | 718 | -.462 | .175 | -.101 | -1.523 | 270 | 932 | -.350 | .105 | -.267 | -.985 | 280 | 140 | -.771 | .174 | -.337 | -1.412 |
| 270 | 719 | -.446 | .218 | -.084 | -1.766 | 270 | 933 | -.360 | .106 | -.237 | -1.017 | 280 | 141 | -.252 | .066 | -.086 | -.614 |
| 270 | 720 | -.924 | .304 | -.121 | -2.131 | 270 | 934 | -.370 | .123 | -.145 | -1.084 | 280 | 142 | -.239 | .056 | -.097 | -.520 |
| 270 | 721 | -.517 | .178 | -.132 | -1.681 | 270 | 935 | -.357 | .101 | -.213 | -.917 | 280 | 143 | -.196 | .035 | -.092 | -.307 |
| 270 | 722 | -.629 | .243 | -.118 | -1.849 | 270 | 936 | -.359 | .116 | -.156 | -.990 | 280 | 144 | -.268 | .081 | -.015 | -.606 |
| 270 | 723 | -.444 | .130 | .004 | -1.110 | 270 | 937 | -.466 | .119 | .000 | -.877 | 280 | 145 | -.517 | .123 | -.178 | -1.029 |
| 270 | 724 | -.374 | .126 | -.043 | -1.033 | 270 | 938 | -.468 | .100 | -.059 | -.879 | 280 | 146 | -.532 | .135 | -.185 | -1.135 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 280 | 147 | -.240 | .068 | -.049 | -.537 | 280 | 219 | -.327 | .078 | -.095 | -.664 | 280 | 269 | -.351 | .098 | -.023 | -.953 |
| 280 | 148 | -.219 | .054 | -.050 | -.462 | 280 | 220 | -.278 | .065 | -.031 | -.556 | 280 | 270 | -.349 | .097 | -.042 | -.843 |
| 280 | 149 | -.162 | .039 | -.041 | -.314 | 280 | 221 | -.263 | .054 | -.060 | -.475 | 280 | 271 | -.332 | .090 | -.022 | -.871 |
| 280 | 150 | -.178 | .058 | -.006 | -.515 | 280 | 222 | -.252 | .056 | -.050 | -.504 | 280 | 272 | -.308 | .070 | -.055 | -.621 |
| 280 | 151 | -.394 | .107 | -.081 | -.816 | 280 | 223 | -.282 | .065 | -.065 | -.544 | 280 | 273 | -.296 | .083 | -.105 | -.993 |
| 280 | 152 | -.543 | .147 | -.146 | -1.321 | 280 | 224 | -.272 | .068 | -.029 | -.572 | 280 | 274 | -.295 | .084 | -.111 | -.942 |
| 280 | 153 | -.336 | .100 | -.107 | -1.405 | 280 | 225 | -.304 | .068 | -.046 | -.611 | 280 | 275 | -.313 | .096 | .051 | -.732 |
| 280 | 154 | -.308 | .093 | -.091 | -.930 | 280 | 226 | -.269 | .058 | -.064 | -.475 | 280 | 276 | -.339 | .098 | -.067 | -.908 |
| 280 | 155 | -.309 | .098 | -.103 | -1.116 | 280 | 227 | -.288 | .056 | -.062 | -.497 | 280 | 277 | -.329 | .098 | -.030 | -.903 |
| 280 | 156 | -.309 | .094 | -.111 | -1.199 | 280 | 228 | -.277 | .055 | -.101 | -.449 | 280 | 278 | -.293 | .085 | .035 | -.673 |
| 280 | 157 | .090 | .172 | .707 | -.711 | 280 | 229 | -.270 | .057 | -.082 | -.478 | 280 | 279 | -.279 | .083 | -.029 | -.718 |
| 280 | 158 | .052 | .190 | .622 | -.735 | 280 | 230 | -.255 | .059 | -.062 | -.562 | 280 | 280 | -.293 | .089 | -.100 | -.970 |
| 280 | 159 | .039 | .178 | .480 | -.728 | 280 | 231 | -.326 | .072 | -.055 | -.626 | 280 | 301 | -.362 | .064 | -.173 | -.663 |
| 280 | 160 | .116 | .111 | .533 | -.238 | 280 | 232 | -.308 | .068 | -.082 | -.540 | 280 | 302 | -.382 | .070 | -.195 | -.695 |
| 280 | 161 | -.004 | .152 | .453 | -.522 | 280 | 233 | -.326 | .071 | -.068 | -.582 | 280 | 303 | -.376 | .082 | -.139 | -.834 |
| 280 | 162 | -.015 | .124 | .455 | -.391 | 280 | 234 | -.296 | .067 | -.118 | -.681 | 280 | 304 | -.391 | .090 | -.060 | -.811 |
| 280 | 163 | -.007 | .114 | .357 | -.457 | 280 | 235 | -.308 | .066 | -.070 | -.567 | 280 | 305 | -.377 | .107 | .009 | -1.035 |
| 280 | 164 | -.019 | .103 | .344 | -.366 | 280 | 236 | -.287 | .065 | -.113 | -.520 | 280 | 306 | -.384 | .117 | -.052 | -1.229 |
| 280 | 165 | .044 | .069 | .355 | -.260 | 280 | 237 | -.278 | .063 | -.080 | -.497 | 280 | 307 | -.367 | .065 | -.165 | -.650 |
| 280 | 166 | .002 | .074 | .268 | -.315 | 280 | 238 | -.243 | .058 | -.096 | -.507 | 280 | 308 | -.378 | .066 | -.189 | -.672 |
| 280 | 167 | .061 | .055 | .302 | -.091 | 280 | 239 | -.322 | .073 | -.117 | -.724 | 280 | 309 | -.358 | .076 | -.125 | -1.016 |
| 280 | 168 | .034 | .050 | .258 | -.124 | 280 | 240 | -.303 | .068 | -.098 | -.683 | 280 | 310 | -.375 | .091 | .024 | -1.028 |
| 280 | 169 | .068 | .067 | .375 | -.133 | 280 | 241 | -.322 | .080 | -.126 | -.944 | 280 | 311 | -.373 | .098 | .032 | -.858 |
| 280 | 170 | .247 | .135 | .653 | -.285 | 280 | 242 | -.305 | .076 | -.123 | -.662 | 280 | 312 | -.375 | .106 | -.034 | -.983 |
| 280 | 171 | .204 | .148 | .646 | -.357 | 280 | 243 | -.319 | .073 | -.127 | -.694 | 280 | 313 | -.312 | .062 | -.130 | -.591 |
| 280 | 172 | .191 | .138 | .614 | -.349 | 280 | 244 | -.295 | .085 | -.101 | -.837 | 280 | 314 | -.315 | .065 | -.122 | -.625 |
| 280 | 173 | .278 | .096 | .652 | .009 | 280 | 245 | -.276 | .081 | -.058 | -.667 | 280 | 315 | -.323 | .070 | -.094 | -.853 |
| 280 | 174 | .193 | .106 | .548 | -.213 | 280 | 246 | -.265 | .067 | -.059 | -.575 | 280 | 316 | -.335 | .080 | -.061 | -.800 |
| 280 | 175 | .210 | .084 | .517 | -.047 | 280 | 247 | -.304 | .075 | -.122 | -.739 | 280 | 317 | -.400 | .114 | -.102 | -.995 |
| 280 | 176 | .171 | .087 | .487 | -.090 | 280 | 248 | -.262 | .080 | -.058 | -.761 | 280 | 318 | -.412 | .134 | -.080 | -1.145 |
| 280 | 177 | .256 | .099 | .746 | -.017 | 280 | 249 | -.275 | .071 | -.082 | -.633 | 280 | 319 | -.309 | .067 | -.107 | -.641 |
| 280 | 178 | .251 | .091 | .616 | -.029 | 280 | 250 | -.309 | .078 | -.059 | -.672 | 280 | 320 | -.312 | .067 | -.110 | -.667 |
| 280 | 201 | -.339 | .078 | -.094 | -.711 | 280 | 251 | -.301 | .074 | -.094 | -.639 | 280 | 321 | -.326 | .074 | -.104 | -.814 |
| 280 | 202 | -.309 | .073 | -.070 | -.599 | 280 | 252 | -.340 | .074 | -.100 | -.717 | 280 | 322 | -.341 | .085 | -.061 | -.958 |
| 280 | 203 | -.317 | .070 | -.107 | -.616 | 280 | 253 | -.328 | .076 | -.109 | -.667 | 280 | 323 | -.403 | .125 | .020 | -1.015 |
| 280 | 204 | -.269 | .062 | -.091 | -.528 | 280 | 254 | -.323 | .074 | -.115 | -.657 | 280 | 324 | -.418 | .147 | .017 | -1.174 |
| 280 | 205 | -.235 | .059 | -.051 | -.624 | 280 | 255 | -.358 | .082 | -.145 | -.889 | 280 | 325 | -.307 | .076 | -.089 | -.900 |
| 280 | 206 | -.250 | .064 | -.013 | -.480 | 280 | 256 | -.351 | .079 | -.128 | -.957 | 280 | 326 | -.299 | .077 | -.090 | -.929 |
| 280 | 207 | -.373 | .085 | -.115 | -.871 | 280 | 257 | -.343 | .077 | -.140 | -.759 | 280 | 327 | -.335 | .092 | -.090 | -1.052 |
| 280 | 208 | -.337 | .072 | -.110 | -.660 | 280 | 258 | -.346 | .084 | -.111 | -.766 | 280 | 328 | -.337 | .097 | -.078 | -1.314 |
| 280 | 209 | -.310 | .062 | -.104 | -.492 | 280 | 259 | -.319 | .075 | -.082 | -.694 | 280 | 329 | -.332 | .108 | -.067 | -1.566 |
| 280 | 210 | -.247 | .062 | -.040 | -.519 | 280 | 260 | -.332 | .074 | -.157 | -.698 | 280 | 330 | -.323 | .109 | -.073 | -1.637 |
| 280 | 211 | -.273 | .065 | -.042 | -.539 | 280 | 261 | -.319 | .073 | -.102 | -.620 | 280 | 331 | -.349 | .104 | .100 | -1.107 |
| 280 | 212 | -.257 | .064 | -.022 | -.518 | 280 | 262 | -.358 | .087 | -.134 | -.933 | 280 | 332 | -.348 | .086 | -.035 | -.824 |
| 280 | 213 | -.321 | .083 | -.092 | -.771 | 280 | 263 | -.345 | .084 | -.122 | -.900 | 280 | 333 | -.349 | .089 | -.101 | -.908 |
| 280 | 214 | -.280 | .061 | -.098 | -.664 | 280 | 264 | -.370 | .082 | -.155 | -.908 | 280 | 334 | -.346 | .099 | -.110 | -1.046 |
| 280 | 215 | -.293 | .055 | -.135 | -.589 | 280 | 265 | -.352 | .084 | -.135 | -.794 | 280 | 336 | -.341 | .070 | -.147 | -.640 |
| 280 | 216 | -.280 | .059 | -.120 | -.587 | 280 | 266 | -.337 | .079 | -.124 | -.757 | 280 | 337 | -.348 | .074 | -.134 | -.678 |
| 280 | 217 | -.273 | .064 | -.031 | -.682 | 280 | 267 | -.325 | .090 | -.049 | -.820 | 280 | 338 | -.326 | .067 | -.076 | -.635 |
| 280 | 218 | -.270 | .071 | -.072 | -.786 | 280 | 268 | -.326 | .081 | -.095 | -.746 | 280 | 339 | -.360 | .085 | -.110 | -.791 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 280 | 340 | -.343 | .080 | -.125 | -.826 | 280 | 390 | -.430 | .118 | -.147 | -1.079 | 280 | 532 | .516 | .128 | .985 | .176 |
| 280 | 341 | -.345 | .082 | -.151 | -.834 | 280 | 391 | -.328 | .105 | .090 | -.824 | 280 | 533 | .474 | .125 | .909 | .092 |
| 280 | 342 | -.344 | .085 | -.146 | -1.007 | 280 | 392 | -.314 | .102 | -.072 | -.981 | 280 | 534 | .189 | .088 | .503 | -.128 |
| 280 | 343 | -.336 | .073 | -.140 | -.611 | 280 | 393 | -.331 | .103 | -.075 | -.994 | 280 | 535 | .048 | .083 | .314 | -.524 |
| 280 | 344 | -.342 | .078 | -.145 | -.739 | 280 | 394 | -.446 | .127 | -.092 | -1.007 | 280 | 536 | -.055 | .151 | .481 | -.860 |
| 280 | 345 | -.324 | .075 | -.106 | -.648 | 280 | 395 | -.423 | .129 | -.077 | -1.070 | 280 | 537 | .180 | .145 | .679 | -.347 |
| 280 | 346 | -.318 | .078 | -.107 | -.725 | 280 | 396 | -.387 | .134 | .273 | -.995 | 280 | 538 | .192 | .122 | .564 | -.292 |
| 280 | 347 | -.576 | .183 | -.133 | -1.210 | 280 | 397 | -.378 | .124 | -.008 | -.968 | 280 | 539 | .177 | .146 | .672 | -.436 |
| 280 | 348 | -.575 | .160 | -.124 | -1.247 | 280 | 398 | -.382 | .114 | -.107 | -.840 | 280 | 540 | .054 | .148 | .503 | -.462 |
| 280 | 349 | -.532 | .149 | -.162 | -1.210 | 280 | 399 | -.272 | .088 | .016 | -.688 | 280 | 541 | .094 | .190 | .766 | -.496 |
| 280 | 350 | -.375 | .101 | -.117 | -.930 | 280 | 400 | -.255 | .082 | -.009 | -.568 | 280 | 542 | -.024 | .153 | .468 | -.565 |
| 280 | 351 | -.373 | .095 | -.083 | -.921 | 280 | 401 | -.257 | .084 | -.019 | -.682 | 280 | 543 | .074 | .109 | .493 | -.261 |
| 280 | 352 | -.379 | .102 | -.089 | -.890 | 280 | 402 | -.294 | .080 | -.004 | -.576 | 280 | 544 | .048 | .082 | .425 | -.287 |
| 280 | 353 | -.614 | .188 | -.192 | -1.448 | 280 | 403 | -.372 | .141 | .159 | -1.035 | 280 | 545 | .046 | .077 | .335 | -.183 |
| 280 | 354 | -.618 | .171 | -.185 | -1.263 | 280 | 404 | -.316 | .115 | .131 | -1.007 | 280 | 546 | .038 | .058 | .293 | -.141 |
| 280 | 355 | -.501 | .129 | -.174 | -1.035 | 280 | 405 | -.236 | .095 | .075 | -.837 | 280 | 547 | .096 | .096 | .524 | -.161 |
| 280 | 356 | -.513 | .129 | -.176 | -1.029 | 280 | 406 | -.200 | .085 | .051 | -.712 | 280 | 548 | .149 | .104 | .658 | -.106 |
| 280 | 357 | -.481 | .106 | -.165 | -1.070 | 280 | 407 | -.223 | .080 | -.017 | -.724 | 280 | 549 | .399 | .147 | 1.040 | -.315 |
| 280 | 358 | -.362 | .090 | -.074 | -.781 | 280 | 408 | -.264 | .088 | -.036 | -.737 | 280 | 550 | .463 | .148 | 1.077 | -.172 |
| 280 | 359 | -.366 | .096 | -.106 | -1.016 | 280 | 501 | .185 | .110 | .571 | -.145 | 280 | 551 | .486 | .138 | .865 | -.039 |
| 280 | 360 | -.375 | .099 | -.119 | -.969 | 280 | 502 | .317 | .117 | .657 | -.050 | 280 | 552 | .380 | .120 | .758 | -.120 |
| 280 | 361 | -.368 | .108 | -.103 | -1.125 | 280 | 503 | .296 | .108 | .639 | -.051 | 280 | 553 | .173 | .097 | .453 | -.388 |
| 280 | 362 | -.385 | .114 | -.096 | -1.268 | 280 | 504 | .248 | .100 | .539 | -.085 | 280 | 554 | .014 | .095 | .331 | -.690 |
| 280 | 363 | -.388 | .103 | -.104 | -1.028 | 280 | 505 | .191 | .094 | .552 | -.167 | 280 | 555 | .164 | .094 | .526 | -.171 |
| 280 | 364 | -.337 | .090 | .024 | -.843 | 280 | 506 | .018 | .068 | .238 | -.211 | 280 | 556 | -.046 | .094 | .304 | -.435 |
| 280 | 365 | -.353 | .080 | -.145 | -.779 | 280 | 507 | .249 | .114 | .644 | -.087 | 280 | 557 | .320 | .121 | .807 | -.058 |
| 280 | 366 | -.328 | .072 | -.110 | -.684 | 280 | 508 | .417 | .115 | .810 | .020 | 280 | 558 | .393 | .120 | .818 | .032 |
| 280 | 367 | -.341 | .077 | -.108 | -.754 | 280 | 509 | .469 | .124 | .833 | .027 | 280 | 559 | .477 | .126 | .918 | .121 |
| 280 | 368 | -.345 | .078 | -.130 | -.659 | 280 | 510 | .412 | .113 | .762 | -.017 | 280 | 560 | .379 | .118 | .842 | .001 |
| 280 | 369 | -.343 | .074 | -.123 | -.678 | 280 | 511 | .302 | .092 | .586 | -.018 | 280 | 561 | .109 | .091 | .441 | -.205 |
| 280 | 370 | -.313 | .072 | -.122 | -.674 | 280 | 512 | .081 | .078 | .336 | -.200 | 280 | 562 | -.090 | .087 | .221 | -.424 |
| 280 | 371 | -.329 | .078 | -.137 | -.802 | 280 | 513 | .111 | .107 | .441 | -.307 | 280 | 563 | .257 | .113 | .703 | -.018 |
| 280 | 372 | -.319 | .084 | -.058 | -.734 | 280 | 514 | .424 | .123 | .816 | .061 | 280 | 564 | .304 | .122 | .801 | .003 |
| 280 | 373 | -.301 | .081 | .008 | -.771 | 280 | 515 | .611 | .137 | 1.013 | .218 | 280 | 565 | .365 | .125 | .927 | .065 |
| 280 | 374 | -.478 | .157 | -.113 | -1.412 | 280 | 516 | .550 | .123 | .914 | .142 | 280 | 566 | .476 | .124 | .884 | .152 |
| 280 | 375 | -.493 | .162 | -.134 | -1.466 | 280 | 517 | .279 | .090 | .558 | -.085 | 280 | 567 | .391 | .116 | .866 | .070 |
| 280 | 376 | -.516 | .142 | -.174 | -1.279 | 280 | 518 | .050 | .074 | .308 | -.190 | 280 | 568 | .125 | .091 | .405 | -.171 |
| 280 | 377 | -.419 | .102 | -.138 | -.869 | 280 | 519 | .083 | .107 | .458 | -.296 | 280 | 569 | -.062 | .085 | .217 | -.404 |
| 280 | 378 | -.399 | .104 | -.115 | -.932 | 280 | 520 | .348 | .130 | .842 | -.038 | 280 | 570 | .221 | .114 | .617 | -.142 |
| 280 | 379 | -.415 | .109 | -.085 | -.894 | 280 | 521 | .562 | .127 | 1.008 | .202 | 280 | 571 | .227 | .134 | .710 | -.191 |
| 280 | 380 | -.477 | .134 | -.113 | -1.357 | 280 | 522 | .502 | .122 | .869 | .164 | 280 | 572 | .269 | .090 | .641 | -.011 |
| 280 | 381 | -.483 | .153 | -.113 | -1.238 | 280 | 523 | .251 | .093 | .551 | -.065 | 280 | 573 | .290 | .106 | .658 | -.081 |
| 280 | 382 | -.442 | .130 | -.128 | -1.112 | 280 | 524 | .061 | .077 | .320 | -.342 | 280 | 574 | .220 | .094 | .595 | -.101 |
| 280 | 383 | -.438 | .135 | -.153 | -.980 | 280 | 525 | .251 | .088 | .531 | -.008 | 280 | 575 | .187 | .093 | .619 | -.103 |
| 280 | 384 | -.453 | .127 | -.113 | -1.029 | 280 | 526 | .043 | .072 | .277 | -.258 | 280 | 576 | .277 | .097 | .631 | .020 |
| 280 | 385 | -.399 | .107 | -.097 | -.907 | 280 | 527 | .235 | .089 | .564 | -.089 | 280 | 577 | .345 | .143 | .947 | -.217 |
| 280 | 386 | -.372 | .092 | -.133 | -.786 | 280 | 528 | .061 | .077 | .322 | -.239 | 280 | 578 | .369 | .143 | .925 | -.205 |
| 280 | 387 | -.357 | .095 | -.127 | -.844 | 280 | 529 | -.006 | .139 | .603 | -.486 | 280 | 579 | .345 | .141 | .785 | -.220 |
| 280 | 388 | -.417 | .111 | -.149 | -1.005 | 280 | 530 | .202 | .135 | .852 | -.229 | 280 | 580 | .278 | .119 | .667 | -.223 |
| 280 | 389 | -.429 | .114 | -.157 | -1.009 | 280 | 531 | .333 | .130 | .742 | -.089 | 280 | 581 | .089 | .104 | .629 | -.370 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 280 | 582 | -.046 | .099 | .409 | -.421 | 280 | 732 | -.331 | .086 | -.101 | -1.051 | 290 | 104 | -.177 | .058 | -.001 | -.476 |
| 280 | 583 | .064 | .094 | .521 | -.294 | 280 | 733 | -.376 | .092 | -.142 | -.744 | 290 | 105 | -.677 | .154 | -.122 | -1.205 |
| 280 | 584 | -.060 | .091 | .273 | -.502 | 280 | 734 | -.355 | .098 | -.084 | -.794 | 290 | 106 | -.779 | .220 | -.316 | -2.042 |
| 280 | 585 | .306 | .108 | .762 | .040 | 280 | 735 | -.365 | .146 | .098 | -.902 | 290 | 107 | -.208 | .045 | -.057 | -.391 |
| 280 | 586 | .335 | .106 | .783 | .053 | 280 | 736 | -.316 | .101 | .009 | -.824 | 290 | 108 | -.172 | .038 | -.060 | -.339 |
| 280 | 587 | .329 | .100 | .684 | .061 | 280 | 901 | -.369 | .098 | -.076 | -.844 | 290 | 109 | -.126 | .041 | .047 | -.316 |
| 280 | 588 | .230 | .092 | .565 | -.011 | 280 | 902 | -.372 | .107 | .016 | -.861 | 290 | 110 | -.134 | .071 | .060 | -.551 |
| 280 | 589 | -.005 | .077 | .338 | -.237 | 280 | 903 | -.328 | .107 | .002 | -.874 | 290 | 111 | -.735 | .186 | .017 | -1.473 |
| 280 | 590 | -.133 | .075 | .154 | -.450 | 280 | 904 | -.326 | .104 | .017 | -.806 | 290 | 112 | -.707 | .179 | -.251 | -1.536 |
| 280 | 591 | .292 | .099 | .746 | .044 | 280 | 905 | -.315 | .080 | -.064 | -.734 | 290 | 113 | -.227 | .043 | -.064 | -.395 |
| 280 | 592 | .341 | .092 | .794 | .109 | 280 | 906 | -.301 | .119 | .123 | -1.194 | 290 | 114 | -.191 | .038 | -.048 | -.329 |
| 280 | 593 | .357 | .107 | .884 | .103 | 280 | 907 | -.305 | .076 | -.092 | -.715 | 290 | 115 | -.126 | .056 | .100 | -.478 |
| 280 | 594 | .269 | .098 | .679 | .046 | 280 | 908 | -.288 | .072 | -.118 | -.574 | 290 | 116 | -.292 | .194 | .115 | -.997 |
| 280 | 595 | .017 | .075 | .281 | -.201 | 280 | 909 | -.293 | .071 | -.060 | -.638 | 290 | 117 | -.653 | .145 | .054 | -1.261 |
| 280 | 596 | -.130 | .069 | .126 | -.472 | 280 | 910 | -.301 | .078 | -.059 | -.805 | 290 | 118 | -.672 | .181 | -.078 | -1.694 |
| 280 | 597 | -.435 | .122 | -.102 | -1.116 | 280 | 911 | .483 | .129 | 1.007 | .074 | 290 | 119 | -.237 | .042 | -.089 | -.400 |
| 280 | 598 | -.469 | .150 | .086 | -1.302 | 280 | 912 | .453 | .124 | .924 | .046 | 290 | 120 | -.210 | .040 | -.034 | -.415 |
| 280 | 599 | -.380 | .128 | .110 | -1.033 | 280 | 913 | .392 | .128 | .921 | .026 | 290 | 121 | -.149 | .071 | .062 | -.632 |
| 280 | 600 | -.356 | .161 | .479 | -.932 | 280 | 914 | .048 | .099 | .505 | -.371 | 290 | 122 | -.329 | .203 | .132 | -1.128 |
| 280 | 701 | -.313 | .093 | -.082 | -.909 | 280 | 915 | .093 | .096 | .496 | -.294 | 290 | 123 | -.687 | .147 | .119 | -1.522 |
| 280 | 702 | -.275 | .061 | -.055 | -.628 | 280 | 916 | .108 | .095 | .500 | -.198 | 290 | 124 | -.672 | .142 | -.217 | -1.522 |
| 280 | 703 | -.291 | .093 | .026 | -1.107 | 280 | 917 | -.414 | .125 | -.091 | -1.105 | 290 | 125 | -.256 | .044 | -.096 | -.469 |
| 280 | 704 | -.278 | .067 | -.076 | -.702 | 280 | 918 | -.299 | .116 | .187 | -.833 | 290 | 126 | -.224 | .040 | -.101 | -.403 |
| 280 | 705 | -.275 | .056 | -.089 | -.490 | 280 | 919 | -.295 | .112 | .235 | -.819 | 290 | 127 | -.170 | .056 | -.010 | -.446 |
| 280 | 706 | -.263 | .078 | -.059 | -.567 | 280 | 920 | .521 | .129 | 1.037 | .193 | 290 | 128 | -.339 | .189 | .086 | -1.073 |
| 280 | 707 | -1.041 | .300 | .219 | -1.995 | 280 | 921 | .451 | .131 | .949 | .031 | 290 | 129 | -.716 | .175 | -.016 | -1.663 |
| 280 | 708 | -.817 | .204 | -.232 | -1.671 | 280 | 922 | .432 | .119 | .831 | .100 | 290 | 130 | -.712 | .147 | -.318 | -1.548 |
| 280 | 709 | -.905 | .270 | -.258 | -2.046 | 280 | 923 | .050 | .097 | .352 | -.462 | 290 | 131 | -.728 | .169 | .047 | -1.497 |
| 280 | 710 | -.711 | .166 | -.293 | -1.426 | 280 | 924 | .080 | .098 | .378 | -.369 | 290 | 132 | -.739 | .160 | -.251 | -1.624 |
| 280 | 711 | -.720 | .192 | -.233 | -1.628 | 280 | 925 | .147 | .098 | .554 | -.259 | 290 | 133 | -.270 | .047 | -.137 | -.444 |
| 280 | 712 | -.013 | .197 | .537 | -.785 | 280 | 926 | -.347 | .107 | -.052 | -1.283 | 290 | 134 | -.230 | .045 | -.080 | -.437 |
| 280 | 713 | -.016 | .099 | .515 | -.296 | 280 | 927 | -.335 | .092 | -.040 | -.905 | 290 | 135 | -.181 | .045 | -.021 | -.365 |
| 280 | 714 | .051 | .063 | .282 | -.132 | 280 | 928 | -.334 | .090 | -.049 | -.888 | 290 | 136 | -.199 | .064 | .013 | -.467 |
| 280 | 715 | .220 | .144 | .680 | -.462 | 280 | 929 | -.484 | .088 | -.247 | -.834 | 290 | 137 | -.659 | .138 | -.165 | -1.179 |
| 280 | 716 | .241 | .087 | .573 | -.048 | 280 | 930 | -.502 | .090 | -.275 | -.835 | 290 | 138 | -.707 | .162 | -.288 | -1.411 |
| 280 | 717 | -.381 | .073 | -.173 | -.985 | 280 | 931 | -.497 | .094 | -.234 | -.838 | 290 | 139 | -.497 | .080 | -.289 | -.724 |
| 280 | 718 | -.315 | .069 | -.136 | -.714 | 280 | 932 | -.478 | .091 | -.242 | -.853 | 290 | 140 | -.626 | .143 | -.251 | -1.186 |
| 280 | 719 | -.305 | .093 | -.104 | -1.213 | 280 | 933 | -.478 | .094 | -.205 | -.916 | 290 | 141 | -.262 | .056 | -.112 | -.497 |
| 280 | 720 | -.633 | .198 | -.173 | -1.656 | 280 | 934 | -.500 | .107 | -.153 | -.945 | 290 | 142 | -.231 | .046 | -.093 | -.416 |
| 280 | 721 | -.389 | .109 | -.065 | -1.059 | 280 | 935 | -.478 | .088 | -.159 | -.875 | 290 | 143 | -.161 | .033 | -.050 | -.294 |
| 280 | 722 | -.503 | .157 | -.180 | -1.381 | 280 | 936 | -.459 | .090 | -.203 | -.812 | 290 | 144 | -.199 | .075 | -.013 | -.610 |
| 280 | 723 | -.424 | .112 | -.134 | -1.051 | 280 | 937 | -.413 | .089 | -.063 | -.780 | 290 | 145 | -.360 | .099 | -.126 | -.965 |
| 280 | 724 | -.451 | .127 | -.113 | -1.273 | 280 | 938 | -.451 | .089 | -.144 | -.783 | 290 | 146 | -.364 | .103 | -.125 | -.960 |
| 280 | 725 | -.384 | .115 | -.080 | -1.117 | 280 | 939 | -.431 | .097 | -.103 | -.793 | 290 | 147 | -.246 | .053 | -.073 | -.459 |
| 280 | 726 | -.378 | .130 | -.032 | -1.129 | 280 | 940 | -.342 | .090 | -.039 | -.706 | 290 | 148 | -.200 | .044 | -.047 | -.350 |
| 280 | 727 | -.362 | .087 | -.137 | -.808 | 280 | 941 | -.350 | .087 | -.049 | -.624 | 290 | 149 | -.116 | .044 | .071 | -.272 |
| 280 | 728 | -.352 | .084 | -.140 | -.912 | 280 | 942 | -.364 | .099 | -.008 | -.720 | 290 | 150 | -.111 | .063 | .163 | -.356 |
| 280 | 729 | -.337 | .088 | -.115 | -.778 | 290 | 101 | -.194 | .044 | -.015 | -.406 | 290 | 151 | -.258 | .109 | .096 | -.719 |
| 280 | 730 | -.358 | .090 | -.014 | -.914 | 290 | 102 | -.170 | .041 | .013 | -.411 | 290 | 152 | -.353 | .140 | .030 | -.936 |
| 280 | 731 | -.337 | .087 | -.108 | -.961 | 290 | 103 | -.154 | .041 | .006 | -.415 | 290 | 153 | -.351 | .078 | -.152 | -.724 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 290 | 154 | -.325 | .076 | -.109 | -.684 | 290 | 226 | -.284 | .053 | -.066 | -.486 | 290 | 276 | -.363 | .117 | .036 | -1.293 |
| 290 | 155 | -.320 | .082 | -.060 | -.703 | 290 | 227 | -.302 | .050 | -.125 | -.504 | 290 | 277 | -.322 | 106 | .103 | -.788 |
| 290 | 156 | -.322 | .079 | -.098 | -.794 | 290 | 228 | -.285 | .047 | -.060 | -.481 | 290 | 278 | -.298 | .094 | 0.000 | -.753 |
| 290 | 157 | .279 | .176 | .792 | -.353 | 290 | 229 | -.274 | .048 | -.086 | -.478 | 290 | 279 | -.313 | .084 | -.014 | -.779 |
| 290 | 158 | .234 | .199 | .803 | -.398 | 290 | 230 | -.265 | .051 | -.094 | -.433 | 290 | 280 | -.330 | .077 | -.142 | -.710 |
| 290 | 159 | .196 | .155 | .657 | -.562 | 290 | 231 | -.350 | .068 | -.076 | -.785 | 290 | 301 | -.307 | .063 | -.115 | -.610 |
| 290 | 160 | .229 | .121 | .697 | -.156 | 290 | 232 | -.325 | .062 | -.074 | -.625 | 290 | 302 | -.329 | .063 | -.122 | -.617 |
| 290 | 161 | .123 | .154 | .604 | -.391 | 290 | 233 | -.351 | .073 | -.069 | -.785 | 290 | 303 | -.330 | .067 | -.097 | -.657 |
| 290 | 162 | .030 | .114 | .431 | -.316 | 290 | 234 | -.313 | .063 | -.099 | -.615 | 290 | 304 | -.327 | .073 | -.079 | -.804 |
| 290 | 163 | -.006 | .122 | .437 | -.401 | 290 | 235 | -.319 | .062 | -.076 | -.555 | 290 | 305 | -.325 | .091 | -.029 | -.989 |
| 290 | 164 | -.006 | .098 | .321 | -.326 | 290 | 236 | -.302 | .059 | -.143 | -.536 | 290 | 306 | -.333 | .099 | -.048 | -.987 |
| 290 | 165 | .006 | .060 | .289 | -.183 | 290 | 237 | -.286 | .057 | -.124 | -.519 | 290 | 307 | -.309 | .063 | -.131 | -.635 |
| 290 | 166 | -.023 | .056 | .249 | -.206 | 290 | 238 | -.276 | .062 | -.097 | -.596 | 290 | 308 | -.317 | .063 | -.134 | -.651 |
| 290 | 167 | .038 | .050 | .228 | -.186 | 290 | 239 | -.356 | .074 | -.071 | -.687 | 290 | 309 | -.300 | .065 | -.089 | -.735 |
| 290 | 168 | .020 | .045 | .183 | -.168 | 290 | 240 | -.339 | .070 | -.053 | -.563 | 290 | 310 | -.309 | .068 | -.101 | -.807 |
| 290 | 169 | .089 | .079 | .467 | -.127 | 290 | 241 | -.368 | .080 | -.147 | -.780 | 290 | 311 | -.320 | .081 | -.084 | -.736 |
| 290 | 170 | .142 | .134 | .711 | -.283 | 290 | 242 | -.348 | .072 | -.166 | -.701 | 290 | 312 | -.326 | .088 | -.071 | -.786 |
| 290 | 171 | .089 | .149 | .710 | -.360 | 290 | 243 | -.358 | .070 | -.188 | -.739 | 290 | 313 | -.270 | .049 | -.111 | -.446 |
| 290 | 172 | .101 | .151 | .686 | -.377 | 290 | 244 | -.331 | .073 | -.138 | -.821 | 290 | 314 | -.269 | .051 | -.108 | -.478 |
| 290 | 173 | .209 | .092 | .593 | -.136 | 290 | 245 | -.312 | .073 | -.107 | -.728 | 290 | 315 | -.278 | .051 | -.100 | -.521 |
| 290 | 174 | .084 | .098 | .433 | -.285 | 290 | 246 | -.297 | .064 | -.116 | -.557 | 290 | 316 | -.293 | .057 | -.141 | -.631 |
| 290 | 175 | .141 | .071 | .405 | -.066 | 290 | 247 | -.334 | .066 | -.137 | -.604 | 290 | 317 | -.343 | .075 | -.163 | -.840 |
| 290 | 176 | .093 | .075 | .382 | -.125 | 290 | 248 | -.289 | .072 | -.065 | -.665 | 290 | 318 | -.353 | .087 | -.142 | -.915 |
| 290 | 177 | .216 | .102 | .650 | -.072 | 290 | 249 | -.306 | .065 | -.109 | -.585 | 290 | 319 | -.288 | .054 | -.127 | -.516 |
| 290 | 178 | .203 | .091 | .595 | -.088 | 290 | 250 | -.318 | .072 | -.094 | -.605 | 290 | 320 | -.287 | .054 | -.135 | -.524 |
| 290 | 201 | -.303 | .078 | -.069 | -1.070 | 290 | 251 | -.308 | .070 | -.091 | -.586 | 290 | 321 | -.296 | .055 | -.141 | -.562 |
| 290 | 202 | -.274 | .074 | -.056 | -.905 | 290 | 252 | -.339 | .070 | -.112 | -.610 | 290 | 322 | -.308 | .060 | -.139 | -.633 |
| 290 | 203 | -.268 | .062 | -.069 | -.839 | 290 | 253 | -.339 | .065 | -.095 | -.547 | 290 | 323 | -.348 | .074 | -.173 | -.746 |
| 290 | 204 | -.245 | .061 | -.051 | -.638 | 290 | 254 | -.334 | .061 | -.132 | -.622 | 290 | 324 | -.356 | .086 | -.161 | -.826 |
| 290 | 205 | -.214 | .050 | -.041 | -.409 | 290 | 255 | -.369 | .062 | -.191 | -.685 | 290 | 325 | -.286 | .053 | -.127 | -.657 |
| 290 | 206 | -.224 | .052 | -.051 | -.424 | 290 | 256 | -.360 | .069 | -.156 | -.724 | 290 | 326 | -.281 | .052 | -.127 | -.652 |
| 290 | 207 | -.311 | .080 | -.064 | -.805 | 290 | 257 | -.359 | .063 | -.118 | -.623 | 290 | 327 | -.300 | .054 | -.108 | -.643 |
| 290 | 208 | -.277 | .068 | -.048 | -.667 | 290 | 258 | -.360 | .066 | -.174 | -.718 | 290 | 328 | -.300 | .056 | -.101 | -.625 |
| 290 | 209 | -.254 | .058 | -.081 | -.640 | 290 | 259 | -.337 | .071 | -.096 | -.702 | 290 | 329 | -.290 | .058 | -.050 | -.547 |
| 290 | 210 | -.225 | .054 | -.073 | -.624 | 290 | 260 | -.355 | .073 | -.132 | -.765 | 290 | 330 | -.284 | .058 | -.052 | -.534 |
| 290 | 211 | -.248 | .051 | -.103 | -.458 | 290 | 261 | -.347 | .073 | -.101 | -.742 | 290 | 331 | -.310 | .057 | -.144 | -.624 |
| 290 | 212 | -.234 | .050 | -.087 | -.428 | 290 | 262 | -.370 | .078 | -.141 | -.803 | 290 | 332 | -.325 | .057 | -.156 | -.673 |
| 290 | 213 | -.271 | .057 | -.038 | -.488 | 290 | 263 | -.362 | .077 | -.099 | -.836 | 290 | 333 | -.339 | .063 | -.151 | -.612 |
| 290 | 214 | -.249 | .051 | -.046 | -.448 | 290 | 264 | -.370 | .073 | -.144 | -.643 | 290 | 334 | -.337 | .066 | -.146 | -.654 |
| 290 | 215 | -.272 | .050 | -.113 | -.565 | 290 | 265 | -.363 | .077 | -.159 | -.730 | 290 | 336 | -.347 | .063 | -.159 | -.603 |
| 290 | 216 | -.258 | .048 | -.106 | -.449 | 290 | 266 | -.356 | .073 | -.098 | -.677 | 290 | 337 | -.352 | .066 | -.182 | -.779 |
| 290 | 217 | -.248 | .047 | -.083 | -.450 | 290 | 267 | -.351 | .080 | -.137 | -.739 | 290 | 338 | -.347 | .067 | -.111 | -.605 |
| 290 | 218 | -.235 | .051 | -.030 | -.479 | 290 | 268 | -.358 | .080 | -.154 | -.734 | 290 | 339 | -.361 | .070 | -.156 | -.657 |
| 290 | 219 | -.307 | .066 | -.117 | -.550 | 290 | 269 | -.368 | .108 | -.012 | -.874 | 290 | 340 | -.356 | .071 | -.104 | -.709 |
| 290 | 220 | -.278 | .053 | -.075 | -.534 | 290 | 270 | -.372 | .108 | -.036 | -.947 | 290 | 341 | -.358 | .071 | -.131 | -.710 |
| 290 | 221 | -.270 | .051 | -.078 | -.459 | 290 | 271 | -.343 | .095 | -.043 | -.868 | 290 | 342 | -.358 | .072 | -.104 | -.716 |
| 290 | 222 | -.255 | .046 | -.118 | -.443 | 290 | 272 | -.324 | .077 | -.115 | -.763 | 290 | 343 | -.354 | .067 | -.166 | -.662 |
| 290 | 223 | -.277 | .048 | -.108 | -.435 | 290 | 273 | -.338 | .086 | -.082 | -.833 | 290 | 344 | -.366 | .075 | -.135 | -.754 |
| 290 | 224 | -.264 | .048 | -.089 | -.432 | 290 | 274 | -.334 | .082 | -.127 | -.777 | 290 | 345 | -.350 | .070 | -.153 | -.858 |
| 290 | 225 | -.309 | .061 | -.105 | -.535 | 290 | 275 | -.344 | .110 | .080 | -1.403 | 290 | 346 | -.349 | .077 | -.064 | -.796 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 290 | 347 | -.489 | .142 | -.122 | -1.318 | 290 | 397 | -.401 | .114 | -.122 | -1.051 | 290 | 539 | .309 | .128 | .742 | -.119 |
| 290 | 348 | -.536 | .136 | -.177 | -1.248 | 290 | 398 | -.395 | .093 | -.114 | -.800 | 290 | 540 | .102 | .112 | .518 | -.398 |
| 290 | 349 | -.546 | .147 | -.198 | -1.315 | 290 | 399 | -.302 | .075 | -.070 | -.600 | 290 | 541 | .151 | .157 | .660 | -.488 |
| 290 | 350 | -.379 | .079 | -.173 | -.857 | 290 | 400 | -.297 | .077 | -.064 | -.621 | 290 | 542 | .011 | .143 | .612 | -.475 |
| 290 | 351 | -.370 | .074 | -.173 | -.903 | 290 | 401 | -.309 | .084 | -.041 | -.630 | 290 | 543 | .012 | .092 | .344 | -.356 |
| 290 | 352 | -.377 | .079 | -.167 | -.760 | 290 | 402 | -.338 | .087 | .020 | -.685 | 290 | 544 | -.020 | .080 | .336 | -.307 |
| 290 | 353 | -.531 | .140 | -.170 | -1.053 | 290 | 403 | -.428 | .148 | -.063 | -1.077 | 290 | 545 | .021 | .066 | .289 | -.198 |
| 290 | 354 | -.554 | .138 | -.178 | -1.079 | 290 | 404 | -.330 | .095 | -.062 | -.768 | 290 | 546 | .016 | .050 | .217 | -.142 |
| 290 | 355 | -.437 | .101 | -.147 | -.871 | 290 | 405 | -.256 | .070 | -.056 | -.625 | 290 | 547 | .081 | .086 | .441 | -.172 |
| 290 | 356 | -.449 | .102 | -.174 | -.903 | 290 | 406 | -.237 | .066 | .005 | -.487 | 290 | 548 | .149 | .091 | .653 | -.114 |
| 290 | 357 | -.436 | .091 | -.187 | -.848 | 290 | 407 | -.269 | .074 | -.013 | -.559 | 290 | 549 | .464 | .156 | .930 | -.337 |
| 290 | 358 | -.366 | .073 | -.158 | -.717 | 290 | 408 | -.309 | .085 | -.021 | -.843 | 290 | 550 | .484 | .154 | .948 | -.226 |
| 290 | 359 | -.383 | .078 | -.159 | -.787 | 290 | 501 | .339 | .118 | .747 | -.122 | 290 | 551 | .467 | .126 | .803 | -.044 |
| 290 | 360 | -.391 | .083 | -.186 | -.903 | 290 | 502 | .392 | .117 | .735 | -.026 | 290 | 552 | .343 | .106 | .644 | -.158 |
| 290 | 361 | -.363 | .074 | -.149 | -.984 | 290 | 503 | .300 | .102 | .618 | -.029 | 290 | 553 | .128 | .080 | .402 | -.230 |
| 290 | 362 | -.374 | .077 | -.154 | -.963 | 290 | 504 | .216 | .094 | .541 | -.066 | 290 | 554 | -.039 | .076 | .231 | -.385 |
| 290 | 363 | -.383 | .071 | -.157 | -.811 | 290 | 505 | .151 | .081 | .446 | -.183 | 290 | 555 | .124 | .082 | .427 | -.243 |
| 290 | 364 | -.358 | .071 | -.088 | -.690 | 290 | 506 | -.020 | .062 | .176 | -.270 | 290 | 556 | -.076 | .078 | .234 | -.423 |
| 290 | 365 | -.375 | .070 | -.183 | -.724 | 290 | 507 | .418 | .124 | .846 | -.060 | 290 | 557 | .356 | .128 | .885 | .012 |
| 290 | 366 | -.356 | .070 | -.192 | -.669 | 290 | 508 | .502 | .118 | .844 | .162 | 290 | 558 | .399 | .124 | .869 | .101 |
| 290 | 367 | -.371 | .073 | -.197 | -.715 | 290 | 509 | .482 | .115 | .800 | .075 | 290 | 559 | .465 | .116 | .851 | .167 |
| 290 | 368 | -.372 | .074 | -.208 | -.688 | 290 | 510 | .375 | .101 | .659 | .022 | 290 | 560 | .356 | .100 | .718 | .085 |
| 290 | 369 | -.377 | .074 | -.219 | -.748 | 290 | 511 | .240 | .081 | .503 | -.037 | 290 | 561 | .090 | .072 | .378 | -.167 |
| 290 | 370 | -.349 | .076 | -.084 | -.765 | 290 | 512 | .052 | .067 | .263 | -.191 | 290 | 562 | -.094 | .066 | .143 | -.345 |
| 290 | 371 | -.366 | .082 | -.117 | -.874 | 290 | 513 | .271 | .129 | .792 | -.126 | 290 | 563 | .234 | .119 | .661 | -.131 |
| 290 | 372 | -.363 | .087 | -.063 | -.922 | 290 | 514 | .524 | .140 | .959 | .054 | 290 | 564 | .272 | .125 | .704 | -.076 |
| 290 | 373 | -.350 | .084 | -.059 | -.726 | 290 | 515 | .615 | .134 | .974 | .155 | 290 | 565 | .339 | .123 | .796 | .045 |
| 290 | 374 | -.523 | .151 | -.177 | -1.438 | 290 | 516 | .494 | .111 | .797 | .145 | 290 | 566 | .483 | .119 | .902 | .179 |
| 290 | 375 | -.539 | .152 | -.178 | -1.397 | 290 | 517 | .210 | .073 | .450 | -.026 | 290 | 567 | .380 | .099 | .750 | .132 |
| 290 | 376 | -.574 | .147 | -.188 | -1.137 | 290 | 518 | .006 | .057 | .205 | -.242 | 290 | 568 | .115 | .073 | .422 | -.153 |
| 290 | 377 | -.432 | .095 | -.124 | -.803 | 290 | 519 | .207 | .131 | .720 | -.227 | 290 | 569 | -.063 | .067 | .227 | -.473 |
| 290 | 378 | -.413 | .085 | -.213 | -.862 | 290 | 520 | .437 | .137 | .975 | .044 | 290 | 570 | .184 | .114 | .617 | -.270 |
| 290 | 379 | -.408 | .086 | -.200 | -.813 | 290 | 521 | .563 | .132 | .986 | .188 | 290 | 571 | .162 | .135 | .660 | -.414 |
| 290 | 380 | -.542 | .156 | -.233 | -1.255 | 290 | 522 | .455 | .108 | .810 | .145 | 290 | 572 | .183 | .079 | .437 | -.067 |
| 290 | 381 | -.552 | .154 | -.229 | -1.258 | 290 | 523 | .188 | .069 | .440 | -.038 | 290 | 573 | .230 | .097 | .543 | -.117 |
| 290 | 382 | -.494 | .131 | -.224 | -1.051 | 290 | 524 | .016 | .054 | .241 | -.190 | 290 | 574 | .155 | .077 | .466 | -.100 |
| 290 | 383 | -.483 | .123 | -.206 | -1.065 | 290 | 525 | .192 | .069 | .441 | -.006 | 290 | 575 | .134 | .076 | .405 | -.090 |
| 290 | 384 | -.474 | .110 | -.173 | -.975 | 290 | 526 | -.008 | .056 | .206 | -.170 | 290 | 576 | .257 | .102 | .676 | .004 |
| 290 | 385 | -.403 | .099 | -.113 | -.999 | 290 | 527 | .186 | .071 | .445 | -.041 | 290 | 577 | .266 | .187 | .916 | -.538 |
| 290 | 386 | -.384 | .088 | -.155 | -.836 | 290 | 528 | .026 | .058 | .253 | -.154 | 290 | 578 | .283 | .184 | .923 | -.562 |
| 290 | 387 | -.372 | .079 | -.149 | -.674 | 290 | 529 | .153 | .139 | .671 | -.235 | 290 | 579 | .262 | .168 | .784 | -.371 |
| 290 | 388 | -.436 | .096 | -.202 | -.869 | 290 | 530 | .328 | .149 | .846 | -.052 | 290 | 580 | .243 | .131 | .633 | -.358 |
| 290 | 389 | -.450 | .098 | -.205 | -.939 | 290 | 531 | .419 | .142 | .853 | .044 | 290 | 581 | .058 | .109 | .381 | -.521 |
| 290 | 390 | -.441 | .101 | -.181 | -1.023 | 290 | 532 | .551 | .132 | .952 | .201 | 290 | 582 | -.081 | .104 | .275 | -.555 |
| 290 | 391 | -.334 | .088 | .021 | -.674 | 290 | 533 | .454 | .111 | .786 | .148 | 290 | 583 | .026 | .099 | .331 | -.466 |
| 290 | 392 | -.330 | .081 | -.098 | -.650 | 290 | 534 | .147 | .068 | .394 | -.158 | 290 | 584 | -.099 | .101 | .212 | -.851 |
| 290 | 393 | -.353 | .083 | -.128 | -.681 | 290 | 535 | .026 | .062 | .226 | -.252 | 290 | 585 | .193 | .097 | .600 | -.062 |
| 290 | 394 | -.454 | .117 | -.140 | -.948 | 290 | 536 | .126 | .163 | .685 | -.360 | 290 | 586 | .228 | .101 | .629 | -.012 |
| 290 | 395 | -.438 | .109 | -.151 | -1.053 | 290 | 537 | .308 | .171 | .842 | -.184 | 290 | 587 | .243 | .098 | .627 | .010 |
| 290 | 396 | -.363 | .117 | .172 | -.869 | 290 | 538 | .218 | .122 | .738 | -.123 | 290 | 588 | .193 | .080 | .548 | .011 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 290 | 589 | -.023 | .073 | .292 | -.230 | 290 | 903 | -.341 | .097 | -.037 | -.748 | 300 | 111 | -.419 | .274 | .388 | -1.461 |
| 290 | 590 | -.142 | .072 | .139 | -.440 | 290 | 904 | -.350 | .090 | -.117 | -.720 | 300 | 112 | -.494 | .228 | .366 | -1.574 |
| 290 | 591 | .229 | .091 | .669 | .005 | 290 | 905 | -.351 | .072 | -.163 | -.647 | 300 | 113 | -.192 | .048 | -.004 | -.405 |
| 290 | 592 | .280 | .087 | .652 | .060 | 290 | 906 | -.335 | .093 | -.080 | -.925 | 300 | 114 | -.145 | .049 | .082 | -.288 |
| 290 | 593 | .304 | .100 | .759 | .064 | 290 | 907 | -.345 | .071 | -.132 | -.729 | 300 | 115 | -.066 | .063 | .203 | -.375 |
| 290 | 594 | .236 | .087 | .646 | .022 | 290 | 908 | -.330 | .067 | -.153 | -.565 | 300 | 116 | -.119 | .150 | .248 | -1.093 |
| 290 | 595 | -.004 | .067 | .286 | -.206 | 290 | 909 | -.320 | .068 | -.149 | -.620 | 300 | 117 | -.493 | .257 | .521 | -1.530 |
| 290 | 596 | -.126 | .066 | .103 | -.318 | 290 | 910 | -.331 | .073 | -.144 | -.668 | 300 | 118 | -.574 | .271 | .267 | -1.700 |
| 290 | 597 | -.432 | .105 | -.100 | -.877 | 290 | 911 | .499 | .149 | 1.057 | .135 | 300 | 119 | -.193 | .043 | -.057 | -.362 |
| 290 | 598 | -.450 | .139 | .133 | -.997 | 290 | 912 | .472 | .141 | .971 | .134 | 300 | 120 | -.163 | .041 | -.008 | -.331 |
| 290 | 599 | -.338 | .138 | .388 | -.810 | 290 | 913 | .388 | .112 | .817 | .014 | 300 | 121 | -.108 | .069 | .193 | -.730 |
| 290 | 600 | -.270 | .171 | .452 | -.872 | 290 | 914 | .048 | .096 | .352 | -.367 | 300 | 122 | -.234 | .190 | .243 | -1.105 |
| 290 | 701 | -.336 | .083 | -.132 | -.811 | 290 | 915 | .099 | .095 | .396 | -.306 | 300 | 123 | -.539 | .243 | .185 | -1.605 |
| 290 | 702 | -.246 | .057 | -.059 | -.486 | 290 | 916 | .117 | .090 | .460 | -.259 | 300 | 124 | -.551 | .228 | .184 | -1.618 |
| 290 | 703 | -.254 | .050 | -.049 | -.485 | 290 | 917 | -.366 | .081 | -.138 | -.835 | 300 | 125 | -.202 | .046 | -.055 | -.452 |
| 290 | 704 | -.274 | .050 | -.100 | -.502 | 290 | 918 | -.339 | .085 | .041 | -.755 | 300 | 126 | -.170 | .042 | -.033 | -.355 |
| 290 | 705 | -.300 | .055 | -.144 | -.507 | 290 | 919 | -.338 | .081 | -.021 | -.731 | 300 | 127 | -.126 | .055 | .037 | -.443 |
| 290 | 706 | -.308 | .082 | -.082 | -.950 | 290 | 920 | .568 | .138 | 1.022 | .178 | 300 | 128 | -.246 | .167 | .100 | -1.236 |
| 290 | 707 | -.454 | .245 | .326 | -1.491 | 290 | 921 | .503 | .130 | .958 | .170 | 300 | 129 | -.549 | .230 | .083 | -1.316 |
| 290 | 708 | -.674 | .214 | .284 | -1.612 | 290 | 922 | .422 | .112 | .796 | .065 | 300 | 130 | -.573 | .193 | .023 | -1.254 |
| 290 | 709 | -.745 | .213 | -.103 | -1.917 | 290 | 923 | .057 | .083 | .324 | -.269 | 300 | 131 | -.542 | .190 | .033 | -1.233 |
| 290 | 710 | -.608 | .166 | -.052 | -1.399 | 290 | 924 | .092 | .086 | .368 | -.246 | 300 | 132 | -.579 | .175 | .040 | -1.282 |
| 290 | 711 | -.484 | .179 | -.057 | -1.203 | 290 | 925 | .146 | .088 | .606 | -.159 | 300 | 133 | -.202 | .042 | -.072 | -.386 |
| 290 | 712 | .220 | .169 | .764 | -.437 | 290 | 926 | -.300 | .060 | -.123 | -.657 | 300 | 134 | -.174 | .041 | -.020 | -.324 |
| 290 | 713 | .010 | .122 | .570 | -.370 | 290 | 927 | -.310 | .060 | -.131 | -.619 | 300 | 135 | -.144 | .043 | -.004 | -.369 |
| 290 | 714 | .058 | .071 | .357 | -.152 | 290 | 928 | -.313 | .060 | -.139 | -.641 | 300 | 136 | -.161 | .069 | .080 | -.567 |
| 290 | 715 | .159 | .158 | .705 | -.573 | 290 | 929 | -.431 | .085 | -.182 | -.783 | 300 | 137 | -.500 | .139 | -.082 | -1.024 |
| 290 | 716 | .180 | .080 | .533 | -.071 | 290 | 930 | -.456 | .088 | -.196 | -.788 | 300 | 138 | -.561 | .156 | -.106 | -1.233 |
| 290 | 717 | -.309 | .060 | -.120 | -.577 | 290 | 931 | -.456 | .092 | -.194 | -.775 | 300 | 139 | -.379 | .071 | -.166 | -.635 |
| 290 | 718 | -.280 | .051 | -.057 | -.526 | 290 | 932 | -.434 | .088 | -.183 | -.782 | 300 | 140 | -.472 | .124 | -.160 | -1.010 |
| 290 | 719 | -.275 | .059 | -.110 | -.591 | 290 | 933 | -.465 | .091 | -.194 | -.889 | 300 | 141 | -.203 | .044 | -.087 | -.447 |
| 290 | 720 | -.526 | .158 | -.120 | -1.367 | 290 | 934 | -.480 | .112 | -.055 | -.910 | 300 | 142 | -.181 | .039 | -.067 | -.374 |
| 290 | 721 | -.385 | .080 | -.169 | -1.151 | 290 | 935 | -.463 | .085 | -.117 | -.789 | 300 | 143 | -.121 | .031 | -.018 | -.248 |
| 290 | 722 | -.582 | .167 | -.112 | -1.589 | 290 | 936 | -.440 | .086 | -.123 | -.738 | 300 | 144 | -.157 | .079 | .044 | -.611 |
| 290 | 723 | -.446 | .106 | -.196 | -.960 | 290 | 937 | -.337 | .101 | -.018 | -.779 | 300 | 145 | -.289 | .099 | -.056 | -.838 |
| 290 | 724 | -.462 | .118 | -.178 | -1.329 | 290 | 938 | -.393 | .085 | -.142 | -.673 | 300 | 146 | -.301 | .105 | -.072 | -1.035 |
| 290 | 725 | -.328 | .099 | -.034 | -.967 | 290 | 939 | -.389 | .084 | -.021 | -.682 | 300 | 147 | -.190 | .045 | -.065 | -.389 |
| 290 | 726 | -.327 | .080 | -.120 | -.904 | 290 | 940 | -.306 | .073 | -.058 | -.581 | 300 | 148 | -.155 | .040 | -.013 | -.321 |
| 290 | 727 | -.354 | .072 | -.158 | -.773 | 290 | 941 | -.271 | .069 | .005 | -.570 | 300 | 149 | -.086 | .044 | .095 | -.272 |
| 290 | 728 | -.373 | .075 | -.027 | -.912 | 290 | 942 | -.322 | .083 | .065 | -.595 | 300 | 150 | -.088 | .068 | .101 | -.412 |
| 290 | 729 | -.367 | .082 | -.137 | -.849 | 300 | 101 | -.130 | .055 | .081 | -.389 | 300 | 151 | -.208 | .100 | .090 | -.653 |
| 290 | 730 | -.364 | .068 | -.167 | -.714 | 300 | 102 | -.086 | .068 | .173 | -.379 | 300 | 152 | -.280 | .121 | .064 | -.834 |
| 290 | 731 | -.358 | .075 | -.170 | -.719 | 300 | 103 | -.028 | .083 | .298 | -.323 | 300 | 153 | -.296 | .064 | -.141 | -.710 |
| 290 | 732 | -.363 | .077 | -.081 | -.693 | 300 | 104 | -.014 | .094 | .431 | -.401 | 300 | 154 | -.258 | .060 | -.106 | -.593 |
| 290 | 733 | -.370 | .078 | -.117 | -.859 | 300 | 105 | -.323 | .224 | .391 | -1.043 | 300 | 155 | -.245 | .060 | -.099 | -.515 |
| 290 | 734 | -.387 | .090 | -.171 | -.825 | 300 | 106 | -.535 | .248 | .517 | -2.018 | 300 | 156 | -.247 | .054 | -.105 | -.505 |
| 290 | 735 | -.328 | .129 | .094 | -.812 | 300 | 107 | -.152 | .052 | .044 | -.391 | 300 | 157 | .170 | .165 | .702 | -.602 |
| 290 | 736 | -.345 | .095 | .023 | -.898 | 300 | 108 | -.094 | .061 | .194 | -.367 | 300 | 158 | .159 | .163 | .626 | -.580 |
| 290 | 901 | -.377 | .092 | -.020 | -.751 | 300 | 109 | -.015 | .082 | .412 | -.406 | 300 | 159 | .111 | .156 | .517 | -.603 |
| 290 | 902 | -.377 | .102 | .002 | -.827 | 300 | 110 | .004 | .088 | .400 | -.389 | 300 | 160 | .157 | .127 | .557 | -.507 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | 161 | .063 | .150 | .431 | -.820 | 300 | 233 | -.262 | .065 | -.038 | -.615 | 300 | 303 | -.272 | .079 | -.028 | -.751 |
| 300 | 162 | -.001 | .121 | .421 | -.550 | 300 | 234 | -.240 | .063 | -.025 | -.560 | 300 | 304 | -.267 | .072 | -.040 | -.689 |
| 300 | 163 | -.047 | .128 | .476 | -.672 | 300 | 235 | -.278 | .058 | -.094 | -.527 | 300 | 305 | -.269 | .088 | -.045 | -.760 |
| 300 | 164 | -.047 | .104 | .342 | -.490 | 300 | 236 | -.247 | .051 | -.121 | -.451 | 300 | 306 | -.271 | .094 | -.056 | -.809 |
| 300 | 165 | -.010 | .068 | .327 | -.260 | 300 | 237 | -.227 | .051 | -.093 | -.460 | 300 | 307 | -.261 | .066 | -.063 | -.753 |
| 300 | 166 | -.037 | .068 | .239 | -.367 | 300 | 238 | -.219 | .050 | -.082 | -.436 | 300 | 308 | -.268 | .067 | -.071 | -.779 |
| 300 | 167 | .003 | .054 | .225 | -.185 | 300 | 239 | -.287 | .077 | -.042 | -.720 | 300 | 309 | -.235 | .068 | -.034 | -.650 |
| 300 | 168 | -.019 | .050 | .202 | -.212 | 300 | 240 | -.257 | .066 | -.031 | -.627 | 300 | 310 | -.259 | .076 | .011 | -.711 |
| 300 | 169 | .028 | .070 | .330 | -.214 | 300 | 241 | -.307 | .072 | -.119 | -.639 | 300 | 311 | -.262 | .086 | -.021 | -.762 |
| 300 | 170 | .100 | .133 | .546 | -.445 | 300 | 242 | -.276 | .060 | -.058 | -.605 | 300 | 312 | -.262 | .090 | -.058 | -.772 |
| 300 | 171 | .038 | .151 | .519 | -.487 | 300 | 243 | -.293 | .059 | -.116 | -.561 | 300 | 313 | -.253 | .073 | -.012 | -.891 |
| 300 | 172 | .047 | .150 | .506 | -.668 | 300 | 244 | -.260 | .057 | -.111 | -.504 | 300 | 314 | -.254 | .078 | -.005 | -1.002 |
| 300 | 173 | .175 | .091 | .508 | -.151 | 300 | 245 | -.247 | .057 | -.088 | -.501 | 300 | 315 | -.260 | .077 | -.072 | -.797 |
| 300 | 174 | .040 | .101 | .391 | -.529 | 300 | 246 | -.227 | .053 | -.077 | -.462 | 300 | 316 | -.265 | .074 | -.083 | -.646 |
| 300 | 175 | .097 | .073 | .441 | -.142 | 300 | 247 | -.268 | .057 | -.096 | -.532 | 300 | 317 | -.284 | .074 | -.122 | -.764 |
| 300 | 176 | .044 | .078 | .393 | -.223 | 300 | 248 | -.229 | .060 | -.039 | -.530 | 300 | 318 | -.293 | .083 | -.097 | -.798 |
| 300 | 177 | .149 | .089 | .511 | -.125 | 300 | 249 | -.237 | .055 | -.083 | -.467 | 300 | 319 | -.256 | .099 | -.066 | -.916 |
| 300 | 178 | .140 | .085 | .525 | -.148 | 300 | 250 | -.231 | .053 | -.042 | -.426 | 300 | 320 | -.258 | .103 | -.040 | -1.039 |
| 300 | 201 | -.261 | .074 | -.047 | -.960 | 300 | 251 | -.199 | .052 | -.011 | -.382 | 300 | 321 | -.266 | .104 | -.063 | -.986 |
| 300 | 202 | -.232 | .068 | -.034 | -.798 | 300 | 252 | -.228 | .053 | -.060 | -.412 | 300 | 322 | -.262 | .078 | -.076 | -.689 |
| 300 | 203 | -.248 | .061 | -.067 | -.635 | 300 | 253 | -.246 | .055 | -.071 | -.496 | 300 | 323 | -.283 | .067 | -.117 | -.595 |
| 300 | 204 | -.213 | .052 | -.039 | -.487 | 300 | 254 | -.230 | .059 | -.018 | -.500 | 300 | 324 | -.293 | .081 | -.106 | -.802 |
| 300 | 205 | -.195 | .048 | -.034 | -.379 | 300 | 255 | -.279 | .062 | -.099 | -.638 | 300 | 325 | -.260 | .099 | -.051 | -.979 |
| 300 | 206 | -.197 | .050 | -.020 | -.366 | 300 | 256 | -.241 | .059 | -.045 | -.497 | 300 | 326 | -.254 | .101 | -.023 | -1.032 |
| 300 | 207 | -.287 | .082 | -.062 | -1.217 | 300 | 257 | -.249 | .064 | -.036 | -.578 | 300 | 327 | -.263 | .089 | -.082 | -.851 |
| 300 | 208 | -.245 | .069 | -.031 | -.933 | 300 | 258 | -.257 | .067 | .012 | -.543 | 300 | 328 | -.265 | .093 | -.066 | -.868 |
| 300 | 209 | -.227 | .052 | -.059 | -.484 | 300 | 259 | -.219 | .063 | .039 | -.472 | 300 | 329 | -.262 | .098 | -.077 | -1.025 |
| 300 | 210 | -.203 | .053 | -.054 | -.445 | 300 | 260 | -.279 | .061 | -.070 | -.570 | 300 | 330 | -.255 | .099 | -.058 | -1.089 |
| 300 | 211 | -.239 | .056 | -.079 | -.502 | 300 | 261 | -.276 | .065 | -.036 | -.596 | 300 | 331 | -.285 | .093 | .096 | -.755 |
| 300 | 212 | -.212 | .054 | -.065 | -.446 | 300 | 262 | -.262 | .066 | -.096 | -.513 | 300 | 332 | -.274 | .072 | -.052 | -.687 |
| 300 | 213 | -.249 | .062 | -.074 | -.555 | 300 | 263 | -.257 | .067 | -.074 | -.526 | 300 | 333 | -.250 | .060 | -.068 | -.550 |
| 300 | 214 | -.223 | .047 | -.087 | -.440 | 300 | 264 | -.279 | .064 | -.094 | -.534 | 300 | 334 | -.248 | .064 | -.044 | -.648 |
| 300 | 215 | -.261 | .045 | -.114 | -.415 | 300 | 265 | -.271 | .067 | -.012 | -.516 | 300 | 336 | -.247 | .050 | -.106 | -.540 |
| 300 | 216 | -.230 | .044 | -.087 | -.458 | 300 | 266 | -.275 | .068 | -.016 | -.527 | 300 | 337 | -.255 | .054 | -.091 | -.555 |
| 300 | 217 | -.223 | .045 | -.081 | -.450 | 300 | 267 | -.271 | .064 | -.060 | -.524 | 300 | 338 | -.233 | .055 | -.074 | -.574 |
| 300 | 218 | -.213 | .050 | -.058 | -.464 | 300 | 268 | -.291 | .063 | -.099 | -.544 | 300 | 339 | -.268 | .063 | -.049 | -.609 |
| 300 | 219 | -.270 | .059 | -.062 | -.532 | 300 | 269 | -.290 | .095 | -.019 | -.734 | 300 | 340 | -.259 | .067 | -.059 | -.551 |
| 300 | 220 | -.237 | .053 | -.038 | -.501 | 300 | 270 | -.289 | .099 | 0.000 | -.760 | 300 | 341 | -.263 | .066 | -.063 | -.627 |
| 300 | 221 | -.240 | .044 | -.081 | -.439 | 300 | 271 | -.241 | .073 | -.005 | -.648 | 300 | 342 | -.260 | .067 | -.053 | -.609 |
| 300 | 222 | -.214 | .044 | -.075 | -.400 | 300 | 272 | -.266 | .064 | -.063 | -.591 | 300 | 343 | -.264 | .072 | -.028 | -.586 |
| 300 | 223 | -.242 | .047 | -.079 | -.504 | 300 | 273 | -.276 | .065 | -.125 | -.598 | 300 | 344 | -.279 | .076 | -.057 | -.697 |
| 300 | 224 | -.217 | .046 | -.067 | -.509 | 300 | 274 | -.268 | .062 | -.110 | -.541 | 300 | 345 | -.276 | .071 | -.033 | -.802 |
| 300 | 225 | -.244 | .060 | .022 | -.498 | 300 | 275 | -.265 | .109 | .055 | -1.149 | 300 | 346 | -.294 | .079 | -.058 | -.786 |
| 300 | 226 | -.228 | .052 | -.030 | -.529 | 300 | 276 | -.271 | .117 | .030 | -.949 | 300 | 347 | -.250 | .090 | -.011 | -.689 |
| 300 | 227 | -.267 | .047 | -.074 | -.443 | 300 | 277 | -.220 | .090 | .211 | -.720 | 300 | 348 | -.304 | .109 | -.016 | -.769 |
| 300 | 228 | -.238 | .044 | -.111 | -.405 | 300 | 278 | -.257 | .082 | 0.000 | -.678 | 300 | 349 | -.338 | .116 | -.058 | -.824 |
| 300 | 229 | -.229 | .045 | -.090 | -.415 | 300 | 279 | -.252 | .071 | -.065 | -.689 | 300 | 350 | -.278 | .068 | -.096 | -.677 |
| 300 | 230 | -.208 | .045 | -.061 | -.505 | 300 | 280 | -.248 | .062 | -.089 | -.530 | 300 | 351 | -.287 | .066 | -.090 | -.652 |
| 300 | 231 | -.275 | .060 | -.104 | -.564 | 300 | 301 | -.252 | .066 | -.048 | -.606 | 300 | 352 | -.298 | .077 | -.082 | -.760 |
| 300 | 232 | -.253 | .059 | -.035 | -.630 | 300 | 302 | -.276 | .076 | .005 | -.711 | 300 | 353 | -.279 | .110 | -.052 | -.940 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | 354 | -.300 | .117 | -.052 | -.898 | 300 | 404 | -.287 | .087 | -.059 | -.677 | 300 | 546 | -.014 | .059 | .292 | -.255 |
| 300 | 355 | -.264 | .072 | -.079 | -.643 | 300 | 405 | -.256 | .073 | -.021 | -.638 | 300 | 547 | .044 | .091 | .418 | -.194 |
| 300 | 356 | -.268 | .072 | -.086 | -.662 | 300 | 406 | -.243 | .074 | .005 | -.683 | 300 | 548 | .073 | .085 | .499 | -.171 |
| 300 | 357 | -.276 | .071 | -.102 | -.679 | 300 | 407 | -.237 | .078 | .016 | -.768 | 300 | 549 | .365 | .170 | .910 | -.416 |
| 300 | 358 | -.287 | .060 | -.125 | -.570 | 300 | 408 | -.260 | .090 | -.023 | -.912 | 300 | 550 | .402 | .172 | .958 | -.351 |
| 300 | 359 | -.312 | .074 | -.141 | -.646 | 300 | 501 | .370 | .190 | 1.007 | -.400 | 300 | 551 | .421 | .152 | .887 | -.387 |
| 300 | 360 | -.323 | .081 | -.145 | -.740 | 300 | 502 | .396 | .177 | .963 | -.377 | 300 | 552 | .315 | .129 | .725 | -.638 |
| 300 | 361 | -.250 | .064 | -.069 | -.740 | 300 | 503 | .304 | .139 | .777 | -.531 | 300 | 553 | .133 | .092 | .474 | -.529 |
| 300 | 362 | -.260 | .066 | -.059 | -.819 | 300 | 504 | .215 | .114 | .645 | -.486 | 300 | 554 | .019 | .081 | .292 | -.616 |
| 300 | 363 | -.281 | .062 | -.076 | -.565 | 300 | 505 | .135 | .097 | 668 | -.319 | 300 | 555 | .128 | .082 | .427 | -.218 |
| 300 | 364 | -.296 | .064 | -.098 | -.564 | 300 | 506 | -.021 | .066 | 265 | -.409 | 300 | 556 | -.015 | .073 | .264 | -.332 |
| 300 | 365 | -.290 | .061 | -.093 | -.577 | 300 | 507 | .433 | .191 | .972 | -.260 | 300 | 557 | .301 | .143 | .768 | -.142 |
| 300 | 366 | -.289 | .064 | -.094 | -.658 | 300 | 508 | .483 | .185 | .927 | -.204 | 300 | 558 | .360 | .146 | .814 | -.072 |
| 300 | 367 | -.303 | .068 | -.097 | -.751 | 300 | 509 | .442 | .161 | .887 | -.318 | 300 | 559 | .418 | .142 | .858 | -.020 |
| 300 | 368 | -.296 | .067 | -.062 | -.584 | 300 | 510 | .341 | .127 | .800 | -.293 | 300 | 560 | .330 | .121 | .713 | -.023 |
| 300 | 369 | -.308 | .067 | -.098 | -.658 | 300 | 511 | .221 | .096 | .530 | -.268 | 300 | 561 | .108 | .079 | .400 | -.181 |
| 300 | 370 | -.267 | .066 | -.057 | -.508 | 300 | 512 | .042 | .075 | .276 | -.383 | 300 | 562 | -.022 | .064 | .227 | -.298 |
| 300 | 371 | -.289 | .068 | -.078 | -.572 | 300 | 513 | .172 | .164 | .708 | -.561 | 300 | 563 | .183 | .109 | .642 | -.144 |
| 300 | 372 | -.289 | .067 | -.064 | -.557 | 300 | 514 | .372 | .174 | 840 | -.238 | 300 | 564 | .228 | .119 | .667 | -.089 |
| 300 | 373 | -.284 | .066 | -.098 | -.549 | 300 | 515 | .487 | .177 | 1.027 | -.251 | 300 | 565 | .307 | .128 | .902 | -.067 |
| 300 | 374 | -.388 | .119 | -.076 | -1.036 | 300 | 516 | .406 | .141 | .855 | -.388 | 300 | 566 | .443 | .144 | .917 | -.130 |
| 300 | 375 | -.412 | .122 | -.094 | -.919 | 300 | 517 | .161 | .097 | .511 | -.380 | 300 | 567 | .350 | .125 | .771 | -.327 |
| 300 | 376 | -.466 | .131 | -.119 | -1.046 | 300 | 518 | -.009 | .076 | .248 | -.319 | 300 | 568 | .117 | .075 | .346 | -.237 |
| 300 | 377 | -.328 | .074 | -.117 | -.695 | 300 | 519 | .103 | .142 | .664 | -.368 | 300 | 569 | -.033 | .065 | .191 | -.378 |
| 300 | 378 | -.303 | .064 | -.123 | -.602 | 300 | 520 | .294 | .158 | .812 | -.170 | 300 | 570 | .135 | .110 | .570 | -.238 |
| 300 | 379 | -.292 | .075 | -.060 | -.624 | 300 | 521 | .468 | .155 | .989 | .008 | 300 | 571 | .103 | .132 | .578 | -.334 |
| 300 | 380 | -.412 | .129 | -.104 | -1.055 | 300 | 522 | .404 | .133 | .832 | -.033 | 300 | 572 | .172 | .098 | .549 | -.101 |
| 300 | 381 | -.425 | .124 | -.114 | -1.015 | 300 | 523 | .170 | .094 | .513 | -.335 | 300 | 573 | .186 | .112 | .618 | -.213 |
| 300 | 382 | -.359 | .103 | -.108 | -.789 | 300 | 524 | .018 | .080 | 330 | -.500 | 300 | 574 | .135 | .094 | .542 | -.166 |
| 300 | 383 | -.341 | .103 | -.116 | -.768 | 300 | 525 | .161 | .092 | 415 | -.323 | 300 | 575 | .087 | .090 | .417 | -.235 |
| 300 | 384 | -.344 | .088 | -.106 | -.796 | 300 | 526 | -.021 | .088 | 237 | -.565 | 300 | 576 | .177 | .089 | .696 | -.096 |
| 300 | 385 | -.309 | .075 | -.102 | -.660 | 300 | 527 | .170 | .093 | 534 | -.250 | 300 | 577 | .258 | .174 | .818 | -.466 |
| 300 | 386 | -.314 | .078 | -.105 | -.832 | 300 | 528 | .014 | .090 | 301 | -.418 | 300 | 578 | .295 | .178 | .806 | -.371 |
| 300 | 387 | -.306 | .078 | -.116 | -.926 | 300 | 529 | .084 | .132 | .527 | -.401 | 300 | 579 | .309 | .176 | .773 | -.396 |
| 300 | 388 | -.324 | .086 | -.083 | -.827 | 300 | 530 | .227 | .146 | .706 | -.278 | 300 | 580 | .232 | .119 | .587 | -.268 |
| 300 | 389 | -.332 | .087 | -.098 | -.808 | 300 | 531 | .346 | .143 | .859 | -.060 | 300 | 581 | .046 | .089 | .293 | -.419 |
| 300 | 390 | -.326 | .087 | -.072 | -.735 | 300 | 532 | .425 | .161 | .903 | -.156 | 300 | 582 | -.061 | .082 | .178 | -.452 |
| 300 | 391 | -.282 | .076 | -.087 | -.684 | 300 | 533 | .369 | .149 | .776 | -.259 | 300 | 583 | .039 | .079 | .261 | -.312 |
| 300 | 392 | -.300 | .078 | -.121 | -.803 | 300 | 534 | .100 | .097 | 358 | -.360 | 300 | 584 | -.069 | .075 | .170 | -.613 |
| 300 | 393 | -.312 | .080 | -.126 | -.862 | 300 | 535 | -.003 | .098 | .246 | -.437 | 300 | 585 | .189 | .106 | .638 | -.150 |
| 300 | 394 | -.333 | .096 | -.070 | -.834 | 300 | 536 | .065 | .156 | .628 | -.519 | 300 | 586 | .244 | .119 | .739 | -.108 |
| 300 | 395 | -.324 | .102 | -.092 | -.975 | 300 | 537 | .225 | .162 | .768 | -.378 | 300 | 587 | .279 | .127 | .807 | .008 |
| 300 | 396 | -.301 | .095 | .129 | -.729 | 300 | 538 | .182 | .138 | .766 | -.471 | 300 | 588 | .207 | .101 | .592 | -.020 |
| 300 | 397 | -.296 | .093 | -.041 | -.750 | 300 | 539 | .171 | .156 | .694 | -.492 | 300 | 589 | -.001 | .074 | .264 | -.247 |
| 300 | 398 | -.323 | .088 | -.103 | -.738 | 300 | 540 | .059 | .123 | .482 | -.412 | 300 | 590 | -.104 | .070 | .132 | -.378 |
| 300 | 399 | -.285 | .073 | -.109 | -.681 | 300 | 541 | .091 | .159 | .686 | -.467 | 300 | 591 | .200 | .097 | .581 | -.045 |
| 300 | 400 | -.295 | .077 | -.121 | -.834 | 300 | 542 | -.018 | .144 | .446 | -.483 | 300 | 592 | .236 | .098 | .689 | -.001 |
| 300 | 401 | -.279 | .087 | -.031 | -.850 | 300 | 543 | .020 | .098 | .570 | -.287 | 300 | 593 | .276 | .119 | .740 | .018 |
| 300 | 402 | -.305 | .093 | -.035 | -.984 | 300 | 544 | -.044 | .084 | .344 | -.366 | 300 | 594 | .208 | .096 | .587 | -.019 |
| 300 | 403 | -.314 | .110 | -.040 | -1.005 | 300 | 545 | .022 | .081 | .455 | -.274 | 300 | 595 | .008 | .070 | .251 | -.185 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | 596 | -.103 | .061 | .090 | -.478 | 300 | 910 | -.259 | .063 | -.101 | -.716 | 310 | 118 | -.085 | .220 | .483 | -.932 |
| 300 | 597 | -.329 | .096 | .004 | -.920 | 300 | 911 | .448 | .145 | .941 | -.056 | 310 | 119 | -.140 | .057 | .123 | -.453 |
| 300 | 598 | -.335 | .116 | .225 | -1.145 | 300 | 912 | .414 | .141 | .904 | -.032 | 310 | 120 | -.100 | .054 | .180 | -.309 |
| 300 | 599 | -.291 | .103 | .256 | -.960 | 300 | 913 | .325 | .115 | .691 | -.138 | 310 | 121 | -.049 | .061 | .353 | -.292 |
| 300 | 600 | -.252 | .125 | .308 | -.848 | 300 | 914 | .047 | .087 | .282 | -.356 | 310 | 122 | -.058 | .085 | .340 | -.673 |
| 300 | 701 | -.266 | .062 | -.091 | -.594 | 300 | 915 | .090 | .092 | .329 | -.311 | 310 | 123 | -.148 | .174 | .265 | -.995 |
| 300 | 702 | -.226 | .056 | -.040 | -.488 | 300 | 916 | .124 | .097 | .523 | -.345 | 310 | 124 | -.165 | .174 | .323 | -.931 |
| 300 | 703 | -.224 | .051 | -.070 | -.461 | 300 | 917 | -.266 | .065 | -.106 | -.730 | 310 | 125 | -.144 | .051 | .105 | -.560 |
| 300 | 704 | -.220 | .052 | -.068 | -.516 | 300 | 918 | -.279 | .064 | -.040 | -.595 | 310 | 126 | -.114 | .043 | .171 | -.311 |
| 300 | 705 | -.223 | .049 | -.089 | -.451 | 300 | 919 | -.273 | .063 | -.058 | -.594 | 310 | 127 | -.072 | .043 | .156 | -.280 |
| 300 | 706 | -.235 | .056 | -.046 | -.516 | 300 | 920 | .434 | .162 | .989 | -.309 | 310 | 128 | -.085 | .071 | .181 | -.510 |
| 300 | 707 | -.164 | .290 | .785 | -1.783 | 300 | 921 | .382 | .152 | .848 | -.258 | 310 | 129 | -.168 | .127 | .107 | -.897 |
| 300 | 708 | -.583 | .278 | .289 | -1.889 | 300 | 922 | .322 | .137 | .832 | -.205 | 310 | 130 | -.184 | .120 | .068 | -.890 |
| 300 | 709 | -.617 | .261 | .099 | -1.815 | 300 | 923 | .025 | .099 | .375 | -.406 | 310 | 131 | -.156 | .106 | .092 | -.921 |
| 300 | 710 | -.515 | .172 | -.059 | -1.158 | 300 | 924 | .059 | .105 | .422 | -.405 | 310 | 132 | -.177 | .109 | .100 | -1.024 |
| 300 | 711 | -.367 | .160 | .013 | -1.111 | 300 | 925 | .124 | .125 | .647 | -.432 | 310 | 133 | -.143 | .039 | .001 | -.372 |
| 300 | 712 | .121 | .202 | .587 | -1.209 | 300 | 926 | -.295 | .112 | -.052 | -1.066 | 310 | 134 | -.125 | .039 | .069 | -.285 |
| 300 | 713 | -.059 | .121 | .474 | -.595 | 300 | 927 | -.254 | .066 | -.021 | -.749 | 310 | 135 | -.096 | .038 | .126 | -.355 |
| 300 | 714 | -.012 | .076 | .331 | -.349 | 300 | 928 | -.254 | .065 | .011 | -.745 | 310 | 136 | -.077 | .049 | .087 | -.425 |
| 300 | 715 | .067 | .165 | .583 | -.726 | 300 | 929 | -.424 | .107 | -.009 | -.901 | 310 | 137 | -.148 | .085 | .027 | -.569 |
| 300 | 716 | .103 | .082 | .422 | -.212 | 300 | 930 | -.412 | .102 | -.010 | -.887 | 310 | 138 | -.165 | .100 | .097 | -.696 |
| 300 | 717 | -.272 | .073 | -.062 | -.797 | 300 | 931 | -.390 | .098 | .110 | -.753 | 310 | 139 | -.151 | .064 | .023 | -.412 |
| 300 | 718 | -.269 | .102 | -.052 | -1.636 | 300 | 932 | -.377 | .112 | .160 | -.855 | 310 | 140 | -.172 | .094 | .077 | -.623 |
| 300 | 719 | -.314 | .187 | -.008 | -1.617 | 300 | 933 | -.409 | .105 | -.027 | -.774 | 310 | 141 | -.147 | .041 | -.022 | -.357 |
| 300 | 720 | -.275 | .105 | -.037 | -.974 | 300 | 934 | -.212 | .160 | .148 | -.894 | 310 | 142 | -.132 | .036 | -.011 | -.300 |
| 300 | 721 | -.265 | .071 | -.060 | -.819 | 300 | 935 | -.381 | .116 | .066 | -.762 | 310 | 143 | -.089 | .031 | .035 | -.189 |
| 300 | 722 | -.404 | .131 | -.110 | -1.302 | 300 | 936 | -.353 | .095 | -.028 | -.661 | 310 | 144 | -.086 | .052 | .091 | -.379 |
| 300 | 723 | -.322 | .097 | -.066 | -.815 | 300 | 937 | -.176 | .117 | .120 | -.813 | 310 | 145 | -.135 | .072 | .071 | -.486 |
| 300 | 724 | -.338 | .101 | -.080 | -.974 | 300 | 938 | -.186 | .088 | .043 | -.537 | 310 | 146 | -.146 | .074 | .061 | -.490 |
| 300 | 725 | -.274 | .097 | -.061 | -.734 | 300 | 939 | -.253 | .088 | .094 | -.569 | 310 | 147 | -.134 | .042 | .076 | -.326 |
| 300 | 726 | -.263 | .081 | -.076 | -.820 | 300 | 940 | -.178 | .083 | .068 | -.622 | 310 | 148 | -.114 | .036 | .095 | -.225 |
| 300 | 727 | -.265 | .061 | -.092 | -.600 | 300 | 941 | -.077 | .065 | .083 | -.379 | 310 | 149 | -.072 | .038 | .097 | -.220 |
| 300 | 728 | -.282 | .077 | -.074 | -.703 | 300 | 942 | -.172 | .079 | .117 | -.474 | 310 | 150 | -.061 | .047 | .126 | -.299 |
| 300 | 729 | -.299 | .085 | -.038 | -.694 | 310 | 101 | -.036 | .080 | .267 | -.338 | 310 | 151 | -.113 | .072 | .092 | -.500 |
| 300 | 730 | -.282 | .070 | -.098 | -.752 | 310 | 102 | .034 | .107 | .422 | -.346 | 310 | 152 | -.142 | .085 | .073 | -.610 |
| 300 | 731 | -.289 | .079 | -.059 | -.749 | 310 | 103 | .125 | .134 | .570 | -.402 | 310 | 153 | -.188 | .065 | .133 | -.500 |
| 300 | 732 | -.293 | .067 | -.092 | -.620 | 310 | 104 | .165 | .153 | .684 | -.397 | 310 | 154 | -.181 | .053 | -.048 | -.470 |
| 300 | 733 | -.287 | .076 | -.100 | -.648 | 310 | 105 | .155 | .204 | .682 | -.677 | 310 | 155 | -.147 | .078 | .370 | -.591 |
| 300 | 734 | -.313 | .075 | -.136 | -.715 | 310 | 106 | .072 | .273 | .802 | -.935 | 310 | 156 | -.159 | .065 | .166 | -.532 |
| 300 | 735 | -.307 | .097 | .015 | -.810 | 310 | 107 | -.067 | .074 | .332 | -.350 | 310 | 157 | -.035 | .112 | .462 | -.506 |
| 300 | 736 | -.287 | .105 | -.015 | -.853 | 310 | 108 | .019 | .100 | .415 | -.405 | 310 | 158 | -.052 | .107 | .291 | -.634 |
| 300 | 901 | -.294 | .078 | -.068 | -.681 | 310 | 109 | .123 | .145 | .833 | -.558 | 310 | 159 | -.075 | .111 | .303 | -.964 |
| 300 | 902 | -.286 | .083 | -.010 | -.689 | 310 | 110 | .184 | .155 | .714 | -.287 | 310 | 160 | -.028 | .084 | .323 | -.345 |
| 300 | 903 | -.282 | .077 | -.041 | -.658 | 310 | 111 | .152 | .218 | .807 | -.790 | 310 | 161 | -.068 | .091 | .250 | -.548 |
| 300 | 904 | -.289 | .067 | -.106 | -.573 | 310 | 112 | .083 | .272 | .882 | -1.071 | 310 | 162 | -.045 | .071 | .164 | -.381 |
| 300 | 905 | -.295 | .068 | -.138 | -.644 | 310 | 113 | -.138 | .066 | .131 | -.441 | 310 | 163 | -.048 | .074 | .191 | -.353 |
| 300 | 906 | -.296 | .083 | -.023 | -.804 | 310 | 114 | -.080 | .072 | .318 | -.325 | 310 | 164 | -.077 | .067 | .119 | -.367 |
| 300 | 907 | -.307 | .088 | -.146 | -1.191 | 310 | 115 | .000 | .089 | .465 | -.223 | 310 | 165 | -.040 | .049 | .164 | -.225 |
| 300 | 908 | -.264 | .060 | -.129 | -.644 | 310 | 116 | .018 | .104 | .401 | -.488 | 310 | 166 | -.055 | .052 | .088 | -.318 |
| 300 | 909 | -.253 | .060 | -.108 | -.693 | 310 | 117 | -.055 | .210 | .548 | -1.168 | 310 | 167 | -.034 | .047 | .202 | -.218 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 310 | 168 | -.057 | .044 | .095 | -.230 | 310 | 240 | -.183 | .051 | -.031 | -.496 | 310 | 310 | -.217 | .074 | .002 | -.639 |
| 310 | 169 | -.041 | .050 | .152 | -.285 | 310 | 241 | -.197 | .056 | -.071 | -.489 | 310 | 311 | -.224 | .079 | -.055 | -.734 |
| 310 | 170 | -.015 | .077 | .281 | -.380 | 310 | 242 | -.167 | .059 | -.044 | -.616 | 310 | 312 | -.226 | .085 | -.063 | -.721 |
| 310 | 171 | -.057 | .084 | .251 | -.433 | 310 | 243 | -.188 | .057 | -.031 | -.515 | 310 | 313 | -.236 | .080 | -.035 | -.874 |
| 310 | 172 | -.070 | .091 | .199 | -.561 | 310 | 244 | -.182 | .051 | -.046 | -.422 | 310 | 314 | -.240 | .085 | .020 | -.966 |
| 310 | 173 | -.010 | .068 | .309 | -.263 | 310 | 245 | -.186 | .056 | -.019 | -.478 | 310 | 315 | -.247 | .083 | .011 | -.676 |
| 310 | 174 | -.047 | .069 | .154 | -.440 | 310 | 246 | -.173 | .052 | .023 | -.510 | 310 | 316 | -.238 | .072 | -.048 | -.631 |
| 310 | 175 | -.003 | .058 | .262 | -.231 | 310 | 247 | -.149 | .061 | .225 | -.336 | 310 | 317 | -.246 | .068 | -.067 | -.621 |
| 310 | 176 | -.041 | .058 | .176 | -.348 | 310 | 248 | -.165 | .059 | -.018 | -.566 | 310 | 318 | -.259 | .076 | -.070 | -.664 |
| 310 | 177 | -.001 | .064 | .297 | -.252 | 310 | 249 | -.181 | .060 | .043 | -.591 | 310 | 319 | -.301 | .114 | -.019 | -.812 |
| 310 | 178 | -.009 | .067 | .251 | -.288 | 310 | 250 | -.148 | .045 | .008 | -.337 | 310 | 320 | -.306 | .117 | -.007 | -.816 |
| 310 | 201 | -.216 | .070 | -.061 | -.654 | 310 | 251 | -.136 | .046 | .001 | -.367 | 310 | 321 | -.308 | .116 | -.021 | -.906 |
| 310 | 202 | -.179 | .063 | -.036 | -.485 | 310 | 252 | -.153 | .045 | -.009 | -.336 | 310 | 322 | -.250 | .090 | -.050 | -.768 |
| 310 | 203 | -.183 | .055 | -.012 | -.498 | 310 | 253 | -.148 | .037 | -.024 | -.303 | 310 | 323 | -.220 | .064 | -.058 | -.513 |
| 310 | 204 | -.175 | .058 | .024 | -.551 | 310 | 254 | -.126 | .035 | -.003 | -.280 | 310 | 324 | -.227 | .070 | -.056 | -.625 |
| 310 | 205 | -.160 | .059 | .027 | -.423 | 310 | 255 | -.155 | .040 | .024 | -.341 | 310 | 325 | -.330 | .137 | .096 | -.981 |
| 310 | 206 | -.164 | .058 | -.006 | -.455 | 310 | 256 | -.149 | .038 | -.016 | -.339 | 310 | 326 | -.324 | .136 | .074 | -.993 |
| 310 | 207 | -.216 | .066 | -.031 | -.638 | 310 | 257 | -.140 | .037 | -.007 | -.300 | 310 | 327 | -.358 | .136 | -.039 | -1.006 |
| 310 | 208 | -.193 | .059 | -.022 | -.515 | 310 | 258 | -.145 | .045 | .038 | -.409 | 310 | 328 | -.361 | .144 | -.049 | -1.217 |
| 310 | 209 | -.177 | .057 | -.026 | -.433 | 310 | 259 | -.122 | .043 | .077 | -.298 | 310 | 329 | -.345 | .157 | -.016 | -1.309 |
| 310 | 210 | -.164 | .060 | -.011 | -.583 | 310 | 260 | -.157 | .040 | -.046 | -.366 | 310 | 330 | -.336 | .157 | -.003 | -1.302 |
| 310 | 211 | -.186 | .060 | -.034 | -.479 | 310 | 261 | -.156 | .041 | .016 | -.348 | 310 | 331 | -.208 | .096 | .064 | -.757 |
| 310 | 212 | -.178 | .058 | -.017 | -.448 | 310 | 262 | -.137 | .043 | -.007 | -.316 | 310 | 332 | -.177 | .064 | .039 | -.445 |
| 310 | 213 | -.220 | .063 | -.080 | -.629 | 310 | 263 | -.128 | .041 | .013 | -.300 | 310 | 333 | -.150 | .042 | .021 | -.323 |
| 310 | 214 | -.195 | .056 | -.055 | -.515 | 310 | 264 | -.138 | .038 | -.028 | -.311 | 310 | 334 | -.156 | .042 | -.000 | -.352 |
| 310 | 215 | -.209 | .058 | -.060 | -.534 | 310 | 265 | -.137 | .042 | .071 | -.392 | 310 | 336 | -.149 | .042 | -.023 | -.328 |
| 310 | 216 | -.196 | .062 | -.031 | -.518 | 310 | 266 | -.129 | .042 | .023 | -.404 | 310 | 337 | -.151 | .040 | -.016 | -.367 |
| 310 | 217 | -.186 | .066 | -.002 | -.636 | 310 | 267 | -.140 | .039 | .002 | -.365 | 310 | 338 | -.131 | .034 | -.007 | -.286 |
| 310 | 218 | -.174 | .070 | .027 | -.941 | 310 | 268 | -.138 | .041 | .027 | -.366 | 310 | 339 | -.153 | .037 | -.035 | -.357 |
| 310 | 219 | -.224 | .066 | -.065 | -.631 | 310 | 269 | -.119 | .049 | .050 | -.411 | 310 | 340 | -.139 | .036 | .023 | -.316 |
| 310 | 220 | -.208 | .062 | -.062 | -.588 | 310 | 270 | -.111 | .044 | .046 | -.305 | 310 | 341 | -.138 | .036 | 0.000 | -.291 |
| 310 | 221 | -.193 | .054 | -.035 | -.459 | 310 | 271 | -.121 | .042 | .031 | -.385 | 310 | 342 | -.146 | .037 | -.018 | -.306 |
| 310 | 222 | -.173 | .070 | .042 | -.754 | 310 | 272 | -.173 | .055 | -.016 | -.619 | 310 | 343 | -.144 | .040 | .007 | -.313 |
| 310 | 223 | -.192 | .083 | .012 | -.955 | 310 | 273 | -.192 | .068 | -.049 | -.724 | 310 | 344 | -.156 | .041 | -.007 | -.332 |
| 310 | 224 | -.185 | .082 | .038 | -1.088 | 310 | 274 | -.196 | .074 | -.016 | -.773 | 310 | 345 | -.152 | .039 | .028 | -.321 |
| 310 | 225 | -.207 | .065 | -.057 | -.577 | 310 | 275 | -.086 | .050 | .065 | -.563 | 310 | 346 | -.163 | .044 | .033 | -.426 |
| 310 | 226 | -.179 | .062 | -.018 | -.633 | 310 | 276 | -.090 | .047 | .064 | -.343 | 310 | 347 | -.169 | .093 | .034 | -.961 |
| 310 | 227 | -.192 | .052 | -.022 | -.515 | 310 | 277 | -.116 | .046 | .053 | -.346 | 310 | 348 | -.177 | .079 | .014 | -.653 |
| 310 | 228 | -.180 | .060 | -.002 | -.549 | 310 | 278 | -.145 | .049 | .030 | -.406 | 310 | 349 | -.204 | .095 | .040 | -.853 |
| 310 | 229 | -.174 | .071 | .019 | -.745 | 310 | 279 | -.139 | .047 | .002 | -.410 | 310 | 350 | -.183 | .071 | .055 | -.605 |
| 310 | 230 | -.156 | .065 | .008 | -.612 | 310 | 280 | -.166 | .061 | -.042 | -.778 | 310 | 351 | -.177 | .063 | .039 | -.512 |
| 310 | 231 | -.200 | .062 | -.029 | -.648 | 310 | 301 | -.187 | .066 | .008 | -.522 | 310 | 352 | -.177 | .064 | .030 | -.539 |
| 310 | 232 | -.204 | .061 | -.052 | -.559 | 310 | 302 | -.208 | .074 | -.009 | -.631 | 310 | 353 | -.174 | .076 | -.010 | -.592 |
| 310 | 233 | -.197 | .061 | -.052 | -.593 | 310 | 303 | -.203 | .081 | .011 | -.860 | 310 | 354 | -.181 | .078 | -.011 | -.635 |
| 310 | 234 | -.177 | .054 | -.046 | -.486 | 310 | 304 | -.216 | .077 | .004 | -.591 | 310 | 355 | -.203 | .087 | -.005 | -.685 |
| 310 | 235 | -.195 | .049 | -.089 | -.500 | 310 | 305 | -.223 | .090 | .023 | -.869 | 310 | 356 | -.199 | .085 | -.016 | -.683 |
| 310 | 236 | -.186 | .054 | -.067 | -.683 | 310 | 306 | -.229 | .095 | .011 | -.913 | 310 | 357 | -.173 | .071 | -.022 | -.611 |
| 310 | 237 | -.178 | .054 | -.047 | -.522 | 310 | 307 | -.208 | .068 | -.006 | -.559 | 310 | 358 | -.160 | .055 | -.016 | -.502 |
| 310 | 238 | -.161 | .055 | -.015 | -.486 | 310 | 308 | -.218 | .069 | -.018 | -.564 | 310 | 359 | -.164 | .056 | .014 | -.477 |
| 310 | 239 | -.192 | .057 | -.007 | -.508 | 310 | 309 | -.200 | .074 | -.011 | -.550 | 310 | 360 | -.164 | .060 | -.027 | -.552 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 310 | 361 | -.201 | .111 | .051 | -.941 | 310 | 503 | .214 | .164 | .692 | -.465 | 310 | 553 | .019 | .108 | .433 | -.457 |
| 310 | 362 | -.207 | .113 | .067 | -.935 | 310 | 504 | .165 | .142 | .733 | -.289 | 310 | 554 | -.040 | .091 | .280 | -.437 |
| 310 | 363 | -.180 | .072 | .111 | -.560 | 310 | 505 | .099 | .136 | .494 | -.501 | 310 | 555 | .030 | .108 | .422 | -.344 |
| 310 | 364 | -.171 | .063 | .012 | -.512 | 310 | 506 | -.022 | .084 | .285 | -.415 | 310 | 556 | -.047 | .090 | .235 | -.395 |
| 310 | 365 | -.161 | .056 | -.040 | -.506 | 310 | 507 | .330 | .236 | 1.011 | -.872 | 310 | 557 | .034 | .092 | .495 | -.270 |
| 310 | 366 | -.133 | .041 | -.024 | -.361 | 310 | 508 | .330 | .205 | .910 | -.758 | 310 | 558 | .060 | .102 | .562 | -.256 |
| 310 | 367 | -.144 | .042 | -.040 | -.370 | 310 | 509 | .265 | .170 | .799 | -.271 | 310 | 559 | .128 | .125 | .673 | -.224 |
| 310 | 368 | -.139 | .038 | -.033 | -.334 | 310 | 510 | .200 | .152 | .766 | -.287 | 310 | 560 | .115 | .128 | .715 | -.398 |
| 310 | 369 | -.143 | .040 | -.027 | -.372 | 310 | 511 | .125 | .123 | .492 | -.346 | 310 | 561 | .025 | .095 | .485 | -.443 |
| 310 | 370 | -.119 | .042 | .084 | -.279 | 310 | 512 | -.012 | .097 | .278 | -.362 | 310 | 562 | -.059 | .079 | .327 | -.448 |
| 310 | 371 | -.142 | .045 | .024 | -.337 | 310 | 513 | .091 | .142 | .591 | -.767 | 310 | 563 | .020 | .068 | .379 | -.191 |
| 310 | 372 | -.147 | .043 | .007 | -.337 | 310 | 514 | .157 | .141 | .631 | -.468 | 310 | 564 | .023 | .077 | .471 | -.223 |
| 310 | 373 | -.147 | .041 | -.032 | -.333 | 310 | 515 | .167 | .143 | .688 | -.266 | 310 | 565 | .045 | .086 | .452 | -.210 |
| 310 | 374 | -.170 | .078 | -.012 | -.616 | 310 | 516 | .125 | .136 | .614 | -.306 | 310 | 566 | .110 | .131 | .568 | -.222 |
| 310 | 375 | -.179 | .078 | -.014 | -.632 | 310 | 517 | .004 | .106 | .423 | -.333 | 310 | 567 | .084 | .136 | .508 | -.321 |
| 310 | 376 | -.217 | .094 | -.007 | -.839 | 310 | 518 | -.102 | .088 | .212 | -.421 | 310 | 568 | .004 | .101 | .370 | -.290 |
| 310 | 377 | -.172 | .063 | .005 | -.552 | 310 | 519 | .015 | .091 | .473 | -.327 | 310 | 569 | -.088 | .086 | .233 | -.362 |
| 310 | 378 | -.160 | .060 | .004 | -.440 | 310 | 520 | .063 | .104 | .513 | -.430 | 310 | 570 | -.000 | .075 | .469 | -.263 |
| 310 | 379 | -.167 | .077 | -.022 | -.571 | 310 | 521 | .144 | .126 | .696 | -.156 | 310 | 571 | -.031 | .090 | .400 | -.453 |
| 310 | 380 | -.177 | .080 | .010 | -1.218 | 310 | 522 | .114 | .134 | .638 | -.204 | 310 | 572 | .038 | .083 | .506 | -.253 |
| 310 | 381 | -.185 | .077 | .026 | -.799 | 310 | 523 | -.013 | .112 | .426 | -.360 | 310 | 573 | -.016 | .075 | .321 | -.350 |
| 310 | 382 | -.170 | .067 | -.016 | -.690 | 310 | 524 | -.115 | .102 | .257 | -.500 | 310 | 574 | .010 | .084 | .372 | -.270 |
| 310 | 383 | -.155 | .062 | -.001 | -.445 | 310 | 525 | -.001 | .103 | .368 | -.314 | 310 | 575 | -.040 | .064 | .219 | -.319 |
| 310 | 384 | -.175 | .064 | .012 | -.450 | 310 | 526 | -.128 | .098 | .233 | -.498 | 310 | 576 | .012 | .068 | .405 | -.309 |
| 310 | 385 | -.175 | .061 | .028 | -.467 | 310 | 527 | .013 | .107 | .478 | -.293 | 310 | 577 | .038 | .113 | .512 | -.589 |
| 310 | 386 | -.174 | .071 | .043 | -.515 | 310 | 528 | -.087 | .100 | .306 | -.488 | 310 | 578 | .067 | .117 | .570 | -.582 |
| 310 | 387 | -.177 | .084 | .006 | -.714 | 310 | 529 | -.026 | .070 | .377 | -.278 | 310 | 579 | .092 | .131 | .600 | -.453 |
| 310 | 388 | -.195 | .088 | .027 | -.906 | 310 | 530 | -.001 | .073 | .443 | -.281 | 310 | 580 | .106 | .113 | .497 | -.290 |
| 310 | 389 | -.202 | .090 | .028 | -.965 | 310 | 531 | .063 | .081 | .541 | -.275 | 310 | 581 | .022 | .092 | .326 | -.328 |
| 310 | 390 | -.190 | .080 | .052 | -.552 | 310 | 532 | .150 | .127 | .622 | -.199 | 310 | 582 | -.027 | .075 | .234 | -.357 |
| 310 | 391 | -.164 | .069 | .023 | -.478 | 310 | 533 | .131 | .135 | .666 | -.249 | 310 | 583 | .019 | .089 | .353 | -.286 |
| 310 | 392 | -.180 | .077 | .008 | -.580 | 310 | 534 | -.028 | .093 | .372 | -.416 | 310 | 584 | -.014 | .084 | .351 | -.337 |
| 310 | 393 | -.193 | .080 | -.017 | -.647 | 310 | 535 | -.111 | .086 | .370 | -.469 | 310 | 585 | .034 | .081 | .393 | -.233 |
| 310 | 394 | -.199 | .102 | .038 | -1.147 | 310 | 536 | -.046 | .086 | .345 | -.433 | 310 | 586 | .071 | .094 | .511 | -.182 |
| 310 | 395 | -.177 | .092 | .044 | -.906 | 310 | 537 | -.014 | .093 | .390 | -.461 | 310 | 587 | .119 | .120 | .656 | -.159 |
| 310 | 396 | -.156 | .075 | .088 | -.611 | 310 | 538 | -.019 | .086 | .492 | -.430 | 310 | 588 | .133 | .106 | .523 | -.142 |
| 310 | 397 | -.185 | .100 | .027 | -.979 | 310 | 539 | -.019 | .093 | .302 | -.386 | 310 | 589 | .024 | .084 | .373 | -.233 |
| 310 | 398 | -.203 | .092 | -.011 | -.799 | 310 | 540 | -.031 | .072 | .383 | -.357 | 310 | 590 | -.036 | .069 | .211 | -.312 |
| 310 | 399 | -.159 | .064 | .020 | -.459 | 310 | 541 | -.025 | .082 | .357 | -.388 | 310 | 591 | .040 | .066 | .351 | -.150 |
| 310 | 400 | -.151 | .063 | .019 | -.502 | 310 | 542 | -.056 | .077 | .207 | -.451 | 310 | 592 | .083 | .073 | .436 | -.102 |
| 310 | 401 | -.144 | .065 | .047 | -.445 | 310 | 543 | -.007 | .058 | .344 | -.184 | 310 | 593 | .128 | .103 | .576 | -.118 |
| 310 | 402 | -.157 | .074 | .033 | -.659 | 310 | 544 | -.049 | .054 | .190 | -.336 | 310 | 594 | .124 | .098 | .492 | -.220 |
| 310 | 403 | -.189 | .103 | .023 | -.812 | 310 | 545 | -.009 | .057 | .549 | -.241 | 310 | 595 | .015 | .072 | .433 | -.234 |
| 310 | 404 | -.168 | .077 | .022 | -.583 | 310 | 546 | -.034 | .045 | .144 | -.244 | 310 | 596 | -.045 | .067 | .287 | -.312 |
| 310 | 405 | -.148 | .060 | .021 | -.453 | 310 | 547 | .010 | .051 | .321 | -.170 | 310 | 597 | -.181 | .077 | .046 | -.613 |
| 310 | 406 | -.132 | .061 | .029 | -.505 | 310 | 548 | -.012 | .048 | .254 | -.202 | 310 | 598 | -.187 | .094 | .151 | -.676 |
| 310 | 407 | -.113 | .073 | .079 | -.471 | 310 | 549 | .028 | .134 | .530 | -.679 | 310 | 599 | -.139 | .078 | .177 | -.556 |
| 310 | 408 | -.131 | .086 | .062 | -.543 | 310 | 550 | .047 | .143 | .593 | -.625 | 310 | 600 | -.113 | .093 | .303 | -.521 |
| 310 | 501 | .317 | .243 | 1.020 | -.729 | 310 | 551 | .109 | .129 | .553 | -.464 | 310 | 701 | -.167 | .063 | .104 | -.578 |
| 310 | 502 | .295 | .211 | .938 | -.509 | 310 | 552 | .083 | .128 | .619 | -.474 | 310 | 702 | -.203 | .064 | .129 | -.531 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 310 | 703 | -.190 | .071 | .002 | -.644 | 310 | 917 | -.183 | .076 | .035 | -.591 | 320 | 125 | -.078 | .077 | .257 | -.407 |
| 310 | 704 | -.172 | .075 | .021 | -.976 | 310 | 918 | -.172 | .066 | .008 | -.555 | 320 | 126 | -.030 | .089 | .347 | -.284 |
| 310 | 705 | -.178 | .052 | -.045 | -.494 | 310 | 919 | -.163 | .066 | .007 | -.537 | 320 | 127 | .053 | .105 | .518 | -.196 |
| 310 | 706 | -.178 | .061 | .013 | -.492 | 310 | 920 | .160 | .128 | .754 | -.261 | 320 | 128 | .055 | .111 | .625 | -.239 |
| 310 | 707 | .236 | .298 | 1.012 | -.954 | 310 | 921 | .168 | .147 | .813 | -.280 | 320 | 129 | .043 | .099 | .559 | -.292 |
| 310 | 708 | -.131 | .219 | .588 | -1.166 | 310 | 922 | .133 | .152 | .819 | -.221 | 320 | 130 | .008 | .076 | .404 | -.279 |
| 310 | 709 | -.193 | .158 | .117 | -1.443 | 310 | 923 | -.043 | .117 | .599 | -.437 | 320 | 131 | -.017 | .076 | .386 | -.305 |
| 310 | 710 | -.169 | .106 | .107 | -.851 | 310 | 924 | -.019 | .124 | .588 | -.390 | 320 | 132 | -.015 | .073 | .376 | -.301 |
| 310 | 711 | -.171 | .116 | .061 | -.902 | 310 | 925 | .016 | .133 | .603 | -.465 | 320 | 133 | -.149 | .062 | .088 | -.452 |
| 310 | 712 | -.091 | .138 | .324 | -.832 | 310 | 926 | -.243 | .106 | .135 | -.856 | 320 | 134 | -.106 | .061 | .268 | -.360 |
| 310 | 713 | -.072 | .081 | .232 | -.468 | 310 | 927 | -.168 | .070 | .060 | -.551 | 320 | 135 | -.047 | .059 | .437 | -.243 |
| 310 | 714 | -.053 | .049 | .208 | -.266 | 310 | 928 | -.163 | .071 | .074 | -.517 | 320 | 136 | -.033 | .056 | .234 | -.280 |
| 310 | 715 | -.089 | .127 | .405 | -.726 | 310 | 929 | -.266 | .122 | .093 | -.726 | 320 | 137 | -.045 | .050 | .220 | -.292 |
| 310 | 716 | -.030 | .066 | .239 | -.314 | 310 | 930 | -.201 | .122 | .198 | -.711 | 320 | 138 | -.050 | .056 | .316 | -.227 |
| 310 | 717 | -.210 | .074 | -.018 | -.581 | 310 | 931 | -.067 | .158 | .450 | -.637 | 320 | 139 | -.070 | .027 | .034 | -.172 |
| 310 | 718 | -.275 | .099 | .044 | -.755 | 310 | 932 | -.138 | .146 | .267 | -.752 | 320 | 140 | -.067 | .037 | .104 | -.250 |
| 310 | 719 | -.354 | .178 | .006 | -1.512 | 310 | 933 | -.161 | .153 | .408 | -.666 | 320 | 141 | -.118 | .041 | .028 | -.263 |
| 310 | 720 | -.180 | .081 | .031 | -.712 | 310 | 934 | -.103 | .213 | .415 | -.989 | 320 | 142 | -.082 | .036 | .060 | -.212 |
| 310 | 721 | -.238 | .124 | .005 | -1.017 | 310 | 935 | -.006 | .120 | .250 | -.495 | 320 | 143 | -.044 | .028 | .048 | -.122 |
| 310 | 722 | -.204 | .090 | .024 | -.722 | 310 | 936 | -.171 | .094 | .253 | -.528 | 320 | 144 | -.026 | .034 | .115 | -.171 |
| 310 | 723 | -.164 | .068 | .032 | -.480 | 310 | 937 | -.123 | .134 | .182 | -.684 | 320 | 145 | -.039 | .034 | .084 | -.223 |
| 310 | 724 | -.201 | .099 | .048 | -.842 | 310 | 938 | -.026 | .058 | .128 | -.408 | 320 | 146 | -.033 | .036 | .104 | -.187 |
| 310 | 725 | -.239 | .092 | -.051 | -.856 | 310 | 939 | -.049 | .063 | .160 | -.346 | 320 | 147 | -.074 | .044 | .129 | -.213 |
| 310 | 726 | -.231 | .070 | -.057 | -.622 | 310 | 940 | -.135 | .098 | .166 | -.754 | 320 | 148 | -.027 | .044 | .142 | -.156 |
| 310 | 727 | -.184 | .055 | -.025 | -.490 | 310 | 941 | .007 | .062 | .147 | -.291 | 320 | 149 | .007 | .052 | .342 | -.127 |
| 310 | 728 | -.185 | .053 | -.052 | -.474 | 310 | 942 | -.002 | .064 | .177 | -.281 | 320 | 150 | .016 | .048 | .301 | -.126 |
| 310 | 729 | -.185 | .058 | .009 | -.504 | 320 | 101 | -.002 | .105 | .323 | -.480 | 320 | 151 | -.007 | .039 | .167 | -.161 |
| 310 | 730 | -.170 | .055 | -.023 | -.449 | 320 | 102 | .080 | .135 | .531 | -.468 | 320 | 152 | -.003 | .036 | .137 | -.142 |
| 310 | 731 | -.144 | .052 | -.010 | -.770 | 320 | 103 | .148 | .170 | .641 | -.407 | 320 | 153 | -.092 | .071 | .365 | -.552 |
| 310 | 732 | -.157 | .046 | .015 | -.460 | 320 | 104 | .207 | .193 | .742 | -.424 | 320 | 154 | -.111 | .049 | .146 | -.416 |
| 310 | 733 | -.144 | .067 | .022 | -.553 | 320 | 105 | .214 | .205 | 1.088 | -.480 | 320 | 155 | -.034 | .081 | .411 | -.259 |
| 310 | 734 | -.184 | .079 | -.038 | -.820 | 320 | 106 | .187 | .243 | .908 | -.775 | 320 | 156 | -.060 | .067 | .298 | -.272 |
| 310 | 735 | -.180 | .088 | .071 | -.720 | 320 | 107 | -.011 | .104 | .314 | -.371 | 320 | 157 | .003 | .122 | .488 | -.673 |
| 310 | 736 | -.117 | .078 | .044 | -.518 | 320 | 108 | .081 | .140 | .522 | -.394 | 320 | 158 | .051 | .143 | .661 | -.740 |
| 310 | 901 | -.175 | .067 | -.003 | -.475 | 320 | 109 | .197 | .190 | .715 | -.348 | 320 | 159 | -.007 | .134 | .705 | -.714 |
| 310 | 902 | -.171 | .069 | .048 | -.490 | 320 | 110 | .230 | .196 | .843 | -.290 | 320 | 160 | -.016 | .065 | .262 | -.314 |
| 310 | 903 | -.178 | .064 | -.005 | -.491 | 320 | 111 | .235 | .210 | 1.059 | -.552 | 320 | 161 | -.000 | .065 | .285 | -.343 |
| 310 | 904 | -.177 | .059 | -.037 | -.491 | 320 | 112 | .190 | .231 | 1.015 | -.656 | 320 | 162 | -.028 | .052 | .316 | -.227 |
| 310 | 905 | -.170 | .052 | -.048 | -.503 | 320 | 113 | -.066 | .093 | .240 | -.390 | 320 | 163 | -.010 | .060 | .376 | -.280 |
| 310 | 906 | -.178 | .064 | -.031 | -.495 | 320 | 114 | .022 | .121 | .404 | -.331 | 320 | 164 | -.018 | .049 | .224 | -.210 |
| 310 | 907 | -.177 | .052 | -.046 | -.450 | 320 | 115 | .132 | .164 | .665 | -.253 | 320 | 165 | -.032 | .036 | .096 | -.175 |
| 310 | 908 | -.172 | .063 | -.029 | -.508 | 320 | 116 | .152 | .157 | .807 | -.250 | 320 | 166 | -.024 | .036 | .129 | -.152 |
| 310 | 909 | -.178 | .054 | -.004 | -.468 | 320 | 117 | .087 | .149 | .823 | -.784 | 320 | 167 | -.013 | .032 | .174 | -.138 |
| 310 | 910 | -.183 | .058 | -.020 | -.637 | 320 | 118 | .053 | .135 | .525 | -.718 | 320 | 168 | -.010 | .029 | .142 | -.126 |
| 310 | 911 | .110 | .121 | .596 | -.200 | 320 | 119 | -.070 | .088 | .247 | -.532 | 320 | 169 | .002 | .040 | .231 | -.118 |
| 310 | 912 | .085 | .116 | .562 | -.275 | 320 | 120 | -.007 | .102 | .357 | -.380 | 320 | 170 | -.022 | .066 | .225 | -.366 |
| 310 | 913 | .088 | .130 | .601 | -.309 | 320 | 121 | .096 | .145 | .710 | -.289 | 320 | 171 | -.037 | .076 | .386 | -.381 |
| 310 | 914 | -.055 | .095 | .291 | -.494 | 320 | 122 | .111 | .131 | .735 | -.168 | 320 | 172 | -.042 | .070 | .260 | -.411 |
| 310 | 915 | -.033 | .101 | .325 | -.481 | 320 | 123 | .057 | .114 | .601 | -.419 | 320 | 173 | -.025 | .039 | .230 | -.194 |
| 310 | 916 | -.008 | .111 | .569 | -.436 | 320 | 124 | .013 | .105 | .615 | -.510 | 320 | 174 | -.031 | .038 | .158 | -.242 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 320 | 175 | -.005 | .035 | .132 | -.152 | 320 | 247 | -.048 | .064 | .313 | -.220 | 320 | 317 | -.190 | .053 | -.050 | -.483 |
| 320 | 176 | -.027 | .035 | .102 | -.189 | 320 | 248 | -.131 | .071 | .106 | -.503 | 320 | 318 | -.207 | .060 | -.071 | -.596 |
| 320 | 177 | -.003 | .040 | .161 | -.139 | 320 | 249 | -.151 | .078 | .044 | -.644 | 320 | 319 | -.221 | .091 | .012 | -.966 |
| 320 | 178 | -.003 | .041 | .177 | -.193 | 320 | 250 | -.156 | .047 | -.038 | -.448 | 320 | 320 | -.230 | .093 | .005 | -1.025 |
| 320 | 201 | -.195 | .090 | .013 | -.952 | 320 | 251 | -.137 | .043 | .010 | -.338 | 320 | 321 | -.242 | .094 | -.028 | -.727 |
| 320 | 202 | -.167 | .079 | .036 | -.793 | 320 | 252 | -.153 | .040 | -.009 | -.322 | 320 | 322 | -.205 | .069 | -.047 | -.576 |
| 320 | 203 | -.176 | .085 | .031 | -.734 | 320 | 253 | -.156 | .046 | -.014 | -.388 | 320 | 323 | -.187 | .050 | -.015 | -.476 |
| 320 | 204 | -.179 | .084 | .019 | -.637 | 320 | 254 | -.129 | .037 | -.024 | -.318 | 320 | 324 | -.200 | .056 | -.028 | -.533 |
| 320 | 205 | -.157 | .078 | .050 | -.601 | 320 | 255 | -.143 | .048 | .007 | -.386 | 320 | 325 | -.253 | .103 | -.010 | -.946 |
| 320 | 206 | -.166 | .078 | .039 | -.662 | 320 | 256 | -.151 | .047 | -.021 | -.394 | 320 | 326 | -.251 | .105 | .005 | -1.071 |
| 320 | 207 | -.199 | .099 | -.021 | -.881 | 320 | 257 | -.137 | .042 | -.024 | -.357 | 320 | 327 | -.280 | .118 | -.050 | -.956 |
| 320 | 208 | -.188 | .091 | -.002 | -.791 | 320 | 258 | -.128 | .053 | -.002 | -.441 | 320 | 328 | -.292 | .127 | -.043 | -1.060 |
| 320 | 209 | -.173 | .081 | .021 | -.651 | 320 | 259 | -.111 | .046 | .024 | -.331 | 320 | 329 | -.279 | .137 | .010 | -1.257 |
| 320 | 210 | -.163 | .075 | .029 | -.529 | 320 | 260 | -.128 | .046 | .015 | -.370 | 320 | 330 | -.273 | .139 | .042 | -1.118 |
| 320 | 211 | -.182 | .076 | .028 | -.599 | 320 | 261 | -.125 | .045 | .035 | -.339 | 320 | 331 | -.185 | .077 | .073 | -.619 |
| 320 | 212 | -.182 | .073 | .021 | -.515 | 320 | 262 | -.125 | .041 | .005 | -.296 | 320 | 332 | -.180 | .057 | .042 | -.399 |
| 320 | 213 | -.204 | .068 | -.070 | -.748 | 320 | 263 | -.119 | .039 | .005 | -.287 | 320 | 333 | -.143 | .042 | .020 | -.324 |
| 320 | 214 | -.173 | .059 | -.045 | -.592 | 320 | 264 | -.116 | .032 | -.013 | -.277 | 320 | 334 | -.146 | .044 | .012 | -.349 |
| 320 | 215 | -.186 | .062 | -.024 | -.526 | 320 | 265 | -.109 | .039 | .111 | -.296 | 320 | 336 | -.151 | .042 | -.021 | -.339 |
| 320 | 216 | -.185 | .070 | .002 | -.659 | 320 | 266 | -.096 | .035 | .068 | -.266 | 320 | 337 | -.155 | .041 | -.038 | -.334 |
| 320 | 217 | -.177 | .072 | .028 | -.553 | 320 | 267 | -.107 | .038 | .099 | -.267 | 320 | 338 | -.131 | .041 | .010 | -.354 |
| 320 | 218 | -.171 | .079 | .043 | -.692 | 320 | 268 | -.097 | .033 | .022 | -.272 | 320 | 339 | -.161 | .048 | .055 | -.373 |
| 320 | 219 | -.214 | .080 | -.021 | -.734 | 320 | 269 | -.082 | .040 | .058 | -.276 | 320 | 340 | -.136 | .045 | -.018 | -.308 |
| 320 | 220 | -.198 | .071 | -.013 | -.636 | 320 | 270 | -.078 | .038 | .093 | -.248 | 320 | 341 | -.133 | .046 | .045 | -.311 |
| 320 | 221 | -.187 | .069 | -.014 | -.616 | 320 | 271 | -.083 | .040 | .057 | -.351 | 320 | 342 | -.137 | .050 | -.003 | -.361 |
| 320 | 222 | -.165 | .071 | .022 | -.594 | 320 | 272 | -.106 | .041 | .035 | -.330 | 320 | 343 | -.124 | .050 | .015 | -.365 |
| 320 | 223 | -.175 | .074 | .021 | -.675 | 320 | 273 | -.128 | .047 | .027 | -.356 | 320 | 344 | -.133 | .051 | .017 | -.356 |
| 320 | 224 | -.176 | .071 | .031 | -.659 | 320 | 274 | -.144 | .060 | .025 | -.504 | 320 | 345 | -.119 | .047 | .033 | -.336 |
| 320 | 225 | -.228 | .084 | -.028 | -.681 | 320 | 275 | -.056 | .040 | .079 | -.260 | 320 | 346 | -.117 | .047 | .032 | -.351 |
| 320 | 226 | -.203 | .072 | -.013 | -.508 | 320 | 276 | -.061 | .038 | .068 | -.242 | 320 | 347 | -.127 | .064 | .034 | -.492 |
| 320 | 227 | -.202 | .070 | -.019 | -.713 | 320 | 277 | -.076 | .038 | .045 | -.271 | 320 | 348 | -.149 | .062 | .010 | -.529 |
| 320 | 228 | -.198 | .079 | .005 | -.718 | 320 | 278 | -.087 | .040 | .048 | -.293 | 320 | 349 | -.164 | .082 | .025 | -.703 |
| 320 | 229 | -.182 | .077 | .016 | -.709 | 320 | 279 | -.090 | .045 | .069 | -.351 | 320 | 350 | -.162 | .057 | .012 | -.506 |
| 320 | 230 | -.169 | .071 | -.003 | -.669 | 320 | 280 | -.129 | .071 | .045 | -.740 | 320 | 351 | -.163 | .049 | -.003 | -.366 |
| 320 | 231 | -.219 | .081 | 0.000 | -.637 | 320 | 301 | -.138 | .056 | .043 | -.376 | 320 | 352 | -.162 | .049 | -.025 | -.366 |
| 320 | 232 | -.216 | .071 | -.049 | -.579 | 320 | 302 | -.168 | .064 | .010 | -.818 | 320 | 353 | -.142 | .065 | .002 | -.493 |
| 320 | 233 | -.193 | .076 | -.023 | -.662 | 320 | 303 | -.168 | .067 | .002 | -.547 | 320 | 354 | -.154 | .067 | -.006 | -.508 |
| 320 | 234 | -.179 | .066 | -.001 | -.441 | 320 | 304 | -.171 | .058 | -.015 | -.521 | 320 | 355 | -.169 | .068 | -.012 | -.547 |
| 320 | 235 | -.218 | .080 | -.043 | -.850 | 320 | 305 | -.183 | .066 | -.016 | -.604 | 320 | 356 | -.167 | .068 | -.009 | -.586 |
| 320 | 236 | -.243 | .096 | -.026 | -1.039 | 320 | 306 | -.190 | .072 | -.008 | -.657 | 320 | 357 | -.153 | .060 | -.005 | -.528 |
| 320 | 237 | -.238 | .095 | -.018 | -.809 | 320 | 307 | -.161 | .057 | .006 | -.409 | 320 | 358 | -.145 | .044 | .003 | -.343 |
| 320 | 238 | -.227 | .091 | -.013 | -.827 | 320 | 308 | -.170 | .058 | .006 | -.417 | 320 | 359 | -.147 | .042 | -.017 | -.372 |
| 320 | 239 | -.151 | .062 | -.002 | -.474 | 320 | 309 | -.153 | .059 | .006 | -.494 | 320 | 360 | -.148 | .044 | -.030 | -.442 |
| 320 | 240 | -.153 | .061 | -.005 | -.484 | 320 | 310 | -.171 | .059 | .002 | -.490 | 320 | 361 | -.170 | .080 | .034 | -.697 |
| 320 | 241 | -.144 | .060 | -.014 | -.520 | 320 | 311 | -.179 | .067 | -.035 | -.765 | 320 | 362 | -.180 | .082 | .034 | -.711 |
| 320 | 242 | -.122 | .052 | .041 | -.399 | 320 | 312 | -.187 | .073 | -.037 | -.863 | 320 | 363 | -.156 | .053 | .014 | -.388 |
| 320 | 243 | -.135 | .059 | .059 | -.448 | 320 | 313 | -.177 | .062 | -.010 | -.571 | 320 | 364 | -.156 | .050 | -.009 | -.369 |
| 320 | 244 | -.149 | .053 | .052 | -.394 | 320 | 314 | -.185 | .066 | -.003 | -.621 | 320 | 365 | -.138 | .041 | -.011 | -.327 |
| 320 | 245 | -.182 | .077 | -.016 | -.785 | 320 | 315 | -.190 | .066 | -.018 | -.542 | 320 | 366 | -.118 | .037 | -.001 | -.286 |
| 320 | 246 | -.175 | .071 | .055 | -.734 | 320 | 316 | -.188 | .058 | -.037 | -.460 | 320 | 367 | -.131 | .040 | -.028 | -.355 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 320 | 368 | -.120 | .035 | -.014 | -.275 | 320 | 510 | .106 | .133 | .516 | -.400 | 320 | 560 | -.030 | .061 | .293 | -.256 |
| 320 | 369 | -.127 | .038 | -.002 | -.328 | 320 | 511 | .040 | .101 | .445 | -.273 | 320 | 561 | -.064 | .058 | .246 | -.391 |
| 320 | 370 | -.086 | .035 | .062 | -.234 | 320 | 512 | -.034 | .077 | .336 | -.374 | 320 | 562 | -.118 | .058 | .094 | -.372 |
| 320 | 371 | -.106 | .039 | .031 | -.303 | 320 | 513 | -.067 | .223 | .527 | -1.126 | 320 | 563 | -.029 | .040 | .110 | -.194 |
| 320 | 372 | -.104 | .036 | .038 | -.237 | 320 | 514 | -.003 | .212 | .590 | -1.000 | 320 | 564 | -.038 | .044 | .150 | -.270 |
| 320 | 373 | -.106 | .035 | .045 | -.251 | 320 | 515 | .046 | .114 | .521 | -.556 | 320 | 565 | -.019 | .052 | .201 | -.252 |
| 320 | 374 | -.132 | .056 | .037 | -.533 | 320 | 516 | .019 | .095 | .438 | -.298 | 320 | 566 | .012 | .059 | .475 | -.246 |
| 320 | 375 | -.141 | .055 | .031 | -.475 | 320 | 517 | -.051 | .074 | .408 | -.286 | 320 | 567 | -.024 | .059 | .350 | -.231 |
| 320 | 376 | -.155 | .059 | -.005 | -.488 | 320 | 518 | -.114 | .065 | .223 | -.397 | 320 | 568 | -.042 | .057 | .231 | -.370 |
| 320 | 377 | -.142 | .049 | .026 | -.353 | 320 | 519 | -.094 | .161 | .314 | -.887 | 320 | 569 | -.097 | .056 | .138 | -.536 |
| 320 | 378 | -.131 | .046 | .011 | -.283 | 320 | 520 | -.080 | .167 | .334 | -.995 | 320 | 570 | -.039 | .044 | .157 | -.243 |
| 320 | 379 | -.128 | .050 | .013 | -.329 | 320 | 521 | -.002 | .081 | .282 | -.488 | 320 | 571 | -.050 | .065 | .291 | -.442 |
| 320 | 380 | -.142 | .056 | .003 | -.398 | 320 | 522 | -.028 | .066 | .319 | -.254 | 320 | 572 | -.016 | .037 | .224 | -.215 |
| 320 | 381 | -.145 | .055 | -.002 | -.376 | 320 | 523 | -.091 | .062 | .164 | -.358 | 320 | 573 | -.027 | .040 | .190 | -.235 |
| 320 | 382 | -.142 | .056 | .008 | -.479 | 320 | 524 | -.143 | .066 | .101 | -.437 | 320 | 574 | -.018 | .034 | .122 | -.154 |
| 320 | 383 | -.131 | .048 | -.003 | -.470 | 320 | 525 | -.089 | .064 | .226 | -.319 | 320 | 575 | -.031 | .036 | .125 | -.159 |
| 320 | 384 | -.145 | .048 | -.011 | -.459 | 320 | 526 | -.168 | .072 | .095 | -.494 | 320 | 576 | .008 | .038 | .189 | -.140 |
| 320 | 385 | -.141 | .042 | -.014 | -.334 | 320 | 527 | -.085 | .065 | .218 | -.295 | 320 | 577 | -.079 | .083 | .251 | -.532 |
| 320 | 386 | -.133 | .045 | .024 | -.379 | 320 | 528 | -.152 | .070 | .101 | -.435 | 320 | 578 | -.064 | .084 | .257 | -.831 |
| 320 | 387 | -.123 | .058 | .025 | -.437 | 320 | 529 | -.035 | .085 | .249 | -.553 | 320 | 579 | -.064 | .078 | .342 | -.564 |
| 320 | 388 | -.145 | .053 | .005 | -.518 | 320 | 530 | -.037 | .090 | .213 | -.584 | 320 | 580 | -.034 | .072 | .402 | -.405 |
| 320 | 389 | -.150 | .054 | -.002 | -.544 | 320 | 531 | .025 | .084 | .417 | -.424 | 320 | 581 | -.069 | .070 | .317 | -.442 |
| 320 | 390 | -.141 | .048 | .015 | -.351 | 320 | 532 | .032 | .100 | .477 | -.435 | 320 | 582 | -.082 | .062 | .234 | -.445 |
| 320 | 391 | -.128 | .046 | .018 | -.332 | 320 | 533 | .014 | .089 | .434 | -.250 | 320 | 583 | -.077 | .066 | .364 | -.339 |
| 320 | 392 | -.144 | .053 | -.016 | -.388 | 320 | 534 | -.071 | .070 | .266 | -.306 | 320 | 584 | -.070 | .058 | .242 | -.300 |
| 320 | 393 | -.153 | .056 | -.014 | -.402 | 320 | 535 | -.113 | .070 | .205 | -.465 | 320 | 585 | -.047 | .041 | .213 | -.199 |
| 320 | 394 | -.157 | .063 | -.016 | -.565 | 320 | 536 | -.037 | .079 | .277 | -.414 | 320 | 586 | -.035 | .042 | .222 | -.166 |
| 320 | 395 | -.133 | .055 | .009 | -.559 | 320 | 537 | -.014 | .094 | .342 | -.414 | 320 | 587 | -.045 | .047 | .286 | -.210 |
| 320 | 396 | -.116 | .043 | .024 | -.358 | 320 | 538 | -.033 | .062 | .275 | -.266 | 320 | 588 | -.015 | .053 | .416 | -.184 |
| 320 | 397 | -.125 | .060 | .041 | -.466 | 320 | 539 | -.003 | .065 | .305 | -.282 | 320 | 589 | -.062 | .057 | .282 | -.272 |
| 320 | 398 | -.146 | .048 | -.009 | -.423 | 320 | 540 | -.044 | .049 | .211 | -.239 | 320 | 590 | -.082 | .052 | .197 | -.281 |
| 320 | 399 | -.106 | .043 | .016 | -.342 | 320 | 541 | -.032 | .051 | .253 | -.264 | 320 | 591 | -.029 | .040 | .179 | -.205 |
| 320 | 400 | -.095 | .039 | .024 | -.310 | 320 | 542 | -.040 | .052 | .214 | -.243 | 320 | 592 | .002 | .039 | .173 | -.112 |
| 320 | 401 | -.096 | .054 | .054 | -.440 | 320 | 543 | -.033 | .035 | .201 | -.184 | 320 | 593 | -.004 | .048 | .253 | -.129 |
| 320 | 402 | -.088 | .051 | .059 | -.418 | 320 | 544 | -.037 | .036 | .128 | -.223 | 320 | 594 | -.005 | .052 | .300 | -.147 |
| 320 | 403 | -.125 | .063 | .018 | -.619 | 320 | 545 | -.021 | .031 | .108 | -.154 | 320 | 595 | -.056 | .046 | .270 | -.203 |
| 320 | 404 | -.119 | .047 | .031 | -.459 | 320 | 546 | -.020 | .033 | .155 | -.119 | 320 | 596 | -.078 | .041 | .156 | -.225 |
| 320 | 405 | -.102 | .042 | .043 | -.367 | 320 | 547 | .014 | .043 | .184 | -.168 | 320 | 597 | -.140 | .049 | .043 | -.368 |
| 320 | 406 | -.076 | .039 | .040 | -.295 | 320 | 548 | -.001 | .040 | .145 | -.129 | 320 | 598 | -.139 | .060 | .103 | -.414 |
| 320 | 407 | -.062 | .054 | .081 | -.393 | 320 | 549 | -.129 | .152 | .260 | -1.002 | 320 | 599 | -.111 | .049 | .222 | -.318 |
| 320 | 408 | -.075 | .058 | .055 | -.405 | 320 | 550 | -.107 | .133 | .242 | -1.011 | 320 | 600 | -.087 | .063 | .271 | -.379 |
| 320 | 501 | .064 | .261 | .891 | -.932 | 320 | 551 | -.063 | .099 | .268 | -.855 | 320 | 701 | -.096 | .060 | .196 | -.434 |
| 320 | 502 | .126 | .222 | .783 | -.673 | 320 | 552 | -.073 | .089 | .331 | -.555 | 320 | 702 | -.187 | .088 | .043 | -.665 |
| 320 | 503 | .126 | .155 | .594 | -.440 | 320 | 553 | -.084 | .076 | .218 | -.424 | 320 | 703 | -.185 | .091 | -.001 | -1.075 |
| 320 | 504 | .112 | .138 | .510 | -.439 | 320 | 554 | -.118 | .067 | .122 | -.449 | 320 | 704 | -.193 | .092 | .056 | -.933 |
| 320 | 505 | .046 | .123 | .453 | -.510 | 320 | 555 | -.072 | .072 | .300 | -.477 | 320 | 705 | -.244 | .097 | -.018 | -.848 |
| 320 | 506 | -.042 | .076 | .242 | -.393 | 320 | 556 | -.114 | .066 | .173 | -.482 | 320 | 706 | -.156 | .078 | .062 | -.587 |
| 320 | 507 | .080 | .264 | .835 | -1.133 | 320 | 557 | -.064 | .077 | .279 | -.431 | 320 | 707 | .178 | .271 | .953 | -.981 |
| 320 | 508 | .146 | .216 | .732 | -.836 | 320 | 558 | -.070 | .069 | .350 | -.369 | 320 | 708 | -.083 | .211 | .592 | -1.239 |
| 320 | 509 | .133 | .152 | .660 | -.384 | 320 | 559 | -.008 | .053 | .240 | -.201 | 320 | 709 | -.050 | .100 | .313 | -.575 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 320 | 710 | -.045 | .055 | .250 | -.304 | 320 | 924 | -.006 | .097 | .538 | -.277 | 330 | 132 | .138 | .137 | .812 | -.243 |
| 320 | 711 | -.025 | .040 | .124 | -.189 | 320 | 925 | .006 | .103 | .558 | -.294 | 330 | 133 | -.163 | .071 | .121 | -.476 |
| 320 | 712 | -.090 | .117 | .266 | -.749 | 320 | 926 | -.219 | .081 | -.008 | -.691 | 330 | 134 | -.060 | .070 | .189 | -.355 |
| 320 | 713 | -.036 | .052 | .178 | -.440 | 320 | 927 | -.179 | .066 | .101 | -.522 | 330 | 135 | .057 | .076 | .399 | -.208 |
| 320 | 714 | -.020 | .036 | .116 | -.152 | 320 | 928 | -.176 | .067 | .075 | -.536 | 330 | 136 | .101 | .089 | .462 | -.175 |
| 320 | 715 | -.073 | .070 | .151 | -.491 | 320 | 929 | -.169 | .111 | .196 | -.512 | 330 | 137 | .065 | .091 | .442 | -.212 |
| 320 | 716 | -.028 | .040 | .140 | -.253 | 320 | 930 | -.117 | .135 | .322 | -.657 | 330 | 138 | .042 | .100 | .518 | -.205 |
| 320 | 717 | -.173 | .067 | .052 | -.520 | 320 | 931 | .048 | .157 | .567 | -.579 | 330 | 139 | -.059 | .046 | .162 | -.236 |
| 320 | 718 | -.204 | .071 | -.006 | -.627 | 320 | 932 | -.181 | .121 | .225 | -.643 | 330 | 140 | -.046 | .047 | .164 | -.249 |
| 320 | 719 | -.273 | .144 | .024 | -1.404 | 320 | 933 | .036 | .181 | .735 | -.728 | 330 | 141 | -.119 | .059 | .074 | -.365 |
| 320 | 720 | -.151 | .074 | .024 | -.848 | 320 | 934 | -.261 | .193 | .302 | -1.021 | 330 | 142 | -.060 | .046 | .106 | -.236 |
| 320 | 721 | -.176 | .073 | -.005 | -.672 | 320 | 935 | -.045 | .120 | .254 | -.609 | 330 | 143 | .024 | .048 | .254 | -.134 |
| 320 | 722 | -.156 | .062 | .001 | -.467 | 320 | 936 | -.053 | .084 | .229 | -.475 | 330 | 144 | .036 | .045 | .270 | -.120 |
| 320 | 723 | -.143 | .056 | -.003 | -.547 | 320 | 937 | -.234 | .147 | .237 | -.788 | 330 | 145 | -.003 | .039 | .161 | -.165 |
| 320 | 724 | -.157 | .061 | .010 | -.504 | 320 | 938 | -.084 | .094 | .168 | -.516 | 330 | 146 | -.006 | .044 | .144 | -.233 |
| 320 | 725 | -.201 | .088 | -.010 | -.876 | 320 | 939 | -.019 | .066 | .188 | -.315 | 330 | 147 | .006 | .060 | .227 | -.264 |
| 320 | 726 | -.199 | .068 | -.015 | -.552 | 320 | 940 | -.213 | .109 | .200 | -.763 | 330 | 148 | .088 | .063 | .336 | -.086 |
| 320 | 727 | -.201 | .060 | -.056 | -.511 | 320 | 941 | -.078 | .091 | .129 | -.528 | 330 | 149 | .177 | .085 | .552 | -.039 |
| 320 | 728 | -.195 | .072 | -.035 | -.568 | 320 | 942 | -.016 | .074 | .186 | -.405 | 330 | 150 | .177 | .081 | .536 | -.035 |
| 320 | 729 | -.140 | .053 | -.000 | -.526 | 330 | 101 | .039 | .069 | .286 | -.355 | 330 | 151 | .102 | .065 | .455 | -.066 |
| 320 | 730 | -.164 | .047 | -.025 | -.402 | 330 | 102 | .143 | .086 | .453 | -.388 | 330 | 152 | .080 | .058 | .310 | -.111 |
| 320 | 731 | -.134 | .049 | -.015 | -.423 | 330 | 103 | .263 | .118 | .626 | -.356 | 330 | 153 | .002 | .118 | .540 | -.411 |
| 320 | 732 | -.118 | .044 | .017 | -.435 | 330 | 104 | .355 | .135 | .768 | -.326 | 330 | 154 | -.064 | .092 | .319 | -.381 |
| 320 | 733 | -.124 | .048 | .029 | -.331 | 330 | 105 | .396 | .186 | .859 | -.363 | 330 | 155 | .098 | .137 | .902 | -.191 |
| 320 | 734 | -.141 | .053 | .083 | -.499 | 330 | 106 | .328 | .188 | .884 | -.487 | 330 | 156 | .068 | .115 | .631 | -.167 |
| 320 | 735 | -.125 | .053 | .080 | -.444 | 330 | 107 | .059 | .064 | .320 | -.243 | 330 | 157 | .194 | .194 | .969 | -.517 |
| 320 | 736 | -.070 | .051 | .060 | -.344 | 330 | 108 | .206 | .084 | .481 | -.205 | 330 | 158 | .355 | .184 | 1.056 | -.496 |
| 320 | 901 | -.132 | .045 | -.001 | -.329 | 330 | 109 | .379 | .140 | .837 | -.329 | 330 | 159 | .269 | .152 | .889 | -.428 |
| 320 | 902 | -.131 | .046 | .006 | -.345 | 330 | 110 | .481 | .150 | .857 | -.188 | 330 | 160 | .029 | .137 | .529 | -.494 |
| 320 | 903 | -.131 | .043 | -.012 | -.296 | 330 | 111 | .443 | .202 | .988 | -.370 | 330 | 161 | .126 | .131 | .611 | -.363 |
| 320 | 904 | -.136 | .048 | -.039 | -.510 | 330 | 112 | .283 | .198 | .851 | -.539 | 330 | 162 | -.010 | .110 | .419 | -.454 |
| 320 | 905 | -.130 | .045 | -.026 | -.447 | 330 | 113 | .033 | .071 | .261 | -.311 | 330 | 163 | .006 | .125 | .517 | -.454 |
| 320 | 906 | -.125 | .054 | .032 | -.409 | 330 | 114 | .194 | .094 | .485 | -.239 | 330 | 164 | .058 | .108 | .474 | -.433 |
| 320 | 907 | -.136 | .047 | .011 | -.425 | 330 | 115 | .436 | .151 | .821 | -.189 | 330 | 165 | -.030 | .063 | .209 | -.255 |
| 320 | 908 | -.122 | .055 | .048 | -.441 | 330 | 116 | .507 | .191 | 1.020 | -.184 | 330 | 166 | .017 | .060 | .226 | -.189 |
| 320 | 909 | -.160 | .064 | .104 | -.503 | 330 | 117 | .370 | .190 | .955 | -.214 | 330 | 167 | .030 | .054 | .340 | -.158 |
| 320 | 910 | -.169 | .072 | .105 | -.569 | 330 | 118 | .191 | .160 | .788 | -.297 | 330 | 168 | .026 | .049 | .329 | -.144 |
| 320 | 911 | .018 | .072 | .307 | -.391 | 330 | 119 | .018 | .071 | .242 | -.532 | 330 | 169 | .083 | .071 | .481 | -.077 |
| 320 | 912 | .017 | .072 | .295 | -.475 | 330 | 120 | .138 | .087 | .405 | -.487 | 330 | 170 | .075 | .122 | .526 | -.255 |
| 320 | 913 | -.000 | .069 | .494 | -.202 | 330 | 121 | .376 | .132 | .743 | -.088 | 330 | 171 | .150 | .147 | .659 | -.310 |
| 320 | 914 | -.062 | .067 | .306 | -.368 | 330 | 122 | .443 | .164 | .908 | -.041 | 330 | 172 | .103 | .113 | .493 | -.272 |
| 320 | 915 | -.045 | .068 | .321 | -.343 | 330 | 123 | .321 | .164 | .881 | -.148 | 330 | 173 | -.014 | .058 | .274 | -.229 |
| 320 | 916 | -.040 | .066 | .370 | -.377 | 330 | 124 | .131 | .139 | .621 | -.310 | 330 | 174 | .023 | .066 | .288 | -.171 |
| 320 | 917 | -.155 | .053 | .003 | -.528 | 330 | 125 | -.045 | .067 | .179 | -.386 | 330 | 175 | .016 | .048 | .359 | -.140 |
| 320 | 918 | -.152 | .053 | -.003 | -.465 | 330 | 126 | .073 | .077 | .351 | -.338 | 330 | 176 | -.006 | .051 | .392 | -.272 |
| 320 | 919 | -.145 | .053 | .018 | -.448 | 330 | 127 | .287 | .114 | .637 | -.166 | 330 | 177 | .064 | .065 | .384 | -.143 |
| 320 | 920 | .034 | .133 | .579 | -.475 | 330 | 128 | .342 | .147 | .910 | -.266 | 330 | 178 | .064 | .060 | .388 | -.117 |
| 320 | 921 | .048 | .143 | .836 | -.571 | 330 | 129 | .287 | .152 | .896 | -.142 | 330 | 201 | -.236 | .096 | -.006 | -.760 |
| 320 | 922 | .038 | .108 | .586 | -.241 | 330 | 130 | .166 | .144 | .746 | -.319 | 330 | 202 | -.187 | .084 | .037 | -.700 |
| 320 | 923 | -.026 | .094 | .507 | -.347 | 330 | 131 | .182 | .137 | .814 | -.191 | 330 | 203 | -.222 | .075 | .019 | -.583 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 330 | 204 | -.227 | .070 | -.019 | -.527 | 330 | 254 | -.238 | .075 | -.065 | -.585 | 330 | 324 | -.228 | .057 | -.074 | -.476 |
| 330 | 205 | -.204 | .060 | -.013 | -.526 | 330 | 255 | -.274 | .093 | -.026 | -.654 | 330 | 325 | -.210 | .070 | -.005 | -.685 |
| 330 | 206 | -.202 | .059 | .030 | -.556 | 330 | 256 | -.276 | .091 | -.065 | -.686 | 330 | 326 | -.211 | .071 | -.020 | -.666 |
| 330 | 207 | -.229 | .087 | .038 | -.836 | 330 | 257 | -.255 | .086 | -.064 | -.603 | 330 | 327 | -.260 | .093 | -.081 | -.669 |
| 330 | 208 | -.220 | .078 | .026 | -.768 | 330 | 258 | -.248 | .110 | .010 | -.795 | 330 | 328 | -.273 | .105 | -.081 | -.717 |
| 330 | 209 | -.217 | .066 | -.002 | -.596 | 330 | 259 | -.193 | .090 | .053 | -.587 | 330 | 329 | -.274 | .104 | -.065 | -.826 |
| 330 | 210 | -.199 | .061 | .013 | -.497 | 330 | 260 | -.218 | .107 | .073 | -.651 | 330 | 330 | -.281 | .116 | -.055 | -.873 |
| 330 | 211 | -.215 | .062 | -.010 | -.537 | 330 | 261 | -.195 | .096 | .073 | -.552 | 330 | 331 | -.250 | .063 | .025 | -.582 |
| 330 | 212 | -.211 | .061 | -.002 | -.539 | 330 | 262 | -.221 | .069 | -.023 | -.589 | 330 | 332 | -.266 | .063 | -.122 | -.603 |
| 330 | 213 | -.237 | .076 | -.054 | -.779 | 330 | 263 | -.205 | .066 | -.030 | -.491 | 330 | 333 | -.232 | .062 | -.005 | -.547 |
| 330 | 214 | -.224 | .070 | -.048 | -.523 | 330 | 264 | -.202 | .056 | -.041 | -.415 | 330 | 334 | -.245 | .069 | -.013 | -.614 |
| 330 | 215 | -.222 | .060 | -.043 | -.616 | 330 | 265 | -.162 | .083 | .108 | -.654 | 330 | 336 | -.241 | .064 | -.041 | -.540 |
| 330 | 216 | -.208 | .062 | -.026 | -.653 | 330 | 266 | -.134 | .070 | .098 | -.416 | 330 | 337 | -.245 | .068 | -.060 | -.655 |
| 330 | 217 | -.196 | .062 | -.012 | -.606 | 330 | 267 | -.139 | .076 | .091 | -.557 | 330 | 338 | -.224 | .076 | -.020 | -.555 |
| 330 | 218 | -.173 | .056 | -.010 | -.577 | 330 | 268 | -.126 | .075 | .094 | -.506 | 330 | 339 | -.271 | .085 | -.053 | -.704 |
| 330 | 219 | -.288 | .096 | -.074 | -.805 | 330 | 269 | -.087 | .065 | .086 | -.418 | 330 | 340 | -.245 | .088 | -.021 | -.676 |
| 330 | 220 | -.284 | .092 | -.097 | -.922 | 330 | 270 | -.089 | .060 | .081 | -.368 | 330 | 341 | -.241 | .089 | -.038 | -.663 |
| 330 | 221 | -.238 | .067 | -.061 | -.587 | 330 | 271 | -.117 | .062 | .044 | -.496 | 330 | 342 | -.238 | .087 | -.018 | -.624 |
| 330 | 222 | -.205 | .062 | -.027 | -.634 | 330 | 272 | -.152 | .063 | .043 | -.453 | 330 | 343 | -.212 | .091 | .028 | -.608 |
| 330 | 223 | -.212 | .066 | -.031 | -.874 | 330 | 273 | -.188 | .072 | .020 | -.560 | 330 | 344 | -.227 | .093 | -.003 | -.610 |
| 330 | 224 | -.211 | .065 | -.019 | -1.039 | 330 | 274 | -.278 | .119 | .013 | -.816 | 330 | 345 | -.194 | .091 | .038 | -.547 |
| 330 | 225 | -.358 | .118 | -.089 | -.957 | 330 | 275 | -.051 | .060 | .128 | -.370 | 330 | 346 | -.184 | .087 | .071 | -.518 |
| 330 | 226 | -.332 | .103 | -.093 | -.916 | 330 | 276 | -.069 | .058 | .078 | -.367 | 330 | 347 | -.179 | .082 | .022 | -.815 |
| 330 | 227 | -.322 | .096 | -.093 | -1.091 | 330 | 277 | -.094 | .055 | .096 | -.324 | 330 | 348 | -.204 | .085 | .003 | -.647 |
| 330 | 228 | -.298 | .090 | -.052 | -.856 | 330 | 278 | -.113 | .054 | .076 | -.338 | 330 | 349 | -.216 | .080 | -.011 | -.632 |
| 330 | 229 | -.272 | .083 | -.033 | -.938 | 330 | 279 | -.137 | .067 | .066 | -.471 | 330 | 350 | -.232 | .061 | -.043 | -.476 |
| 330 | 230 | -.247 | .076 | .034 | -.608 | 330 | 280 | -.246 | .111 | .035 | -.825 | 330 | 351 | -.235 | .059 | -.064 | -.484 |
| 330 | 231 | -.364 | .112 | -.093 | -.965 | 330 | 301 | -.157 | .055 | .017 | -.411 | 330 | 352 | -.236 | .062 | -.045 | -.529 |
| 330 | 232 | -.380 | .106 | -.108 | -.830 | 330 | 302 | -.175 | .058 | -.013 | -.426 | 330 | 353 | -.192 | .076 | .002 | -.632 |
| 330 | 233 | -.314 | .095 | -.026 | -.748 | 330 | 303 | -.167 | .060 | .010 | -.501 | 330 | 354 | -.205 | .080 | .003 | -.616 |
| 330 | 234 | -.315 | .097 | -.039 | -.761 | 330 | 304 | -.187 | .067 | -.025 | -.648 | 330 | 355 | -.231 | .083 | -.026 | -.666 |
| 330 | 235 | -.361 | .115 | .029 | -1.449 | 330 | 305 | -.200 | .071 | .015 | -.588 | 330 | 356 | -.239 | .087 | -.035 | -.765 |
| 330 | 236 | -.364 | .111 | -.088 | -1.175 | 330 | 306 | -.205 | .074 | 0.000 | -.645 | 330 | 357 | -.238 | .087 | -.043 | -.618 |
| 330 | 237 | -.349 | .098 | -.098 | -.896 | 330 | 307 | -.179 | .055 | .001 | -.449 | 330 | 358 | -.238 | .073 | -.056 | -.545 |
| 330 | 238 | -.319 | .102 | -.079 | -.961 | 330 | 308 | -.188 | .056 | -.009 | -.471 | 330 | 359 | -.234 | .065 | -.019 | -.507 |
| 330 | 239 | -.234 | .087 | -.038 | -.683 | 330 | 309 | -.151 | .054 | .003 | -.439 | 330 | 360 | -.250 | .071 | -.039 | -.597 |
| 330 | 240 | -.239 | .085 | -.036 | -.577 | 330 | 310 | -.194 | .063 | -.018 | -.583 | 330 | 361 | -.268 | .110 | -.052 | -1.067 |
| 330 | 241 | -.197 | .083 | -.028 | -.667 | 330 | 311 | -.198 | .065 | -.015 | -.579 | 330 | 362 | -.285 | .118 | -.071 | -1.142 |
| 330 | 242 | -.197 | .078 | .015 | -.507 | 330 | 312 | -.195 | .064 | -.005 | -.575 | 330 | 363 | -.270 | .089 | -.038 | -.746 |
| 330 | 243 | -.207 | .083 | .043 | -.723 | 330 | 313 | -.192 | .049 | -.051 | -.403 | 330 | 364 | -.293 | .102 | -.098 | -1.077 |
| 330 | 244 | -.198 | .089 | .088 | -.565 | 330 | 314 | -.194 | .050 | -.044 | -.418 | 330 | 365 | -.250 | .073 | -.027 | -.516 |
| 330 | 245 | -.269 | .130 | .017 | -.872 | 330 | 315 | -.197 | .050 | -.040 | -.431 | 330 | 366 | -.218 | .064 | .032 | -.466 |
| 330 | 246 | -.271 | .121 | .001 | -.827 | 330 | 316 | -.190 | .048 | -.042 | -.400 | 330 | 367 | -.230 | .070 | -.004 | -.535 |
| 330 | 247 | .046 | .094 | .523 | -.172 | 330 | 317 | -.207 | .049 | -.061 | -.456 | 330 | 368 | -.215 | .064 | .028 | -.486 |
| 330 | 248 | -.102 | .116 | .160 | -.757 | 330 | 318 | -.217 | .054 | -.046 | -.557 | 330 | 369 | -.221 | .071 | .022 | -.522 |
| 330 | 249 | -.161 | .140 | .117 | -.952 | 330 | 319 | -.204 | .061 | -.033 | -.575 | 330 | 370 | -.129 | .074 | .070 | -.477 |
| 330 | 250 | -.245 | .070 | -.090 | -.634 | 330 | 320 | -.210 | .062 | -.033 | -.666 | 330 | 371 | -.157 | .084 | .103 | -.556 |
| 330 | 251 | -.234 | .065 | -.066 | -.582 | 330 | 321 | -.217 | .069 | .033 | -.698 | 330 | 372 | -.134 | .076 | .095 | -.488 |
| 330 | 252 | -.244 | .065 | -.044 | -.593 | 330 | 322 | -.198 | .053 | -.040 | -.506 | 330 | 373 | -.149 | .077 | .059 | -.517 |
| 330 | 253 | -.267 | .084 | -.019 | -.725 | 330 | 323 | -.209 | .046 | -.056 | -.398 | 330 | 374 | -.211 | .091 | -.019 | -.578 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 330 | 375 | -.222 | .093 | -.021 | -.601 | 330 | 517 | -.104 | .047 | .099 | -.297 | 330 | 567 | -.055 | .049 | .162 | -.219 |
| 330 | 376 | -.249 | .104 | -.028 | -.690 | 330 | 518 | -.153 | .049 | .059 | -.397 | 330 | 568 | -.114 | .057 | .117 | -.381 |
| 330 | 377 | -.260 | .081 | -.084 | -.716 | 330 | 519 | -.459 | .221 | .185 | -1.611 | 330 | 569 | -.180 | .074 | .025 | -.593 |
| 330 | 378 | -.246 | .077 | -.071 | -.609 | 330 | 520 | -.443 | .230 | .275 | -1.447 | 330 | 570 | -.097 | .072 | .112 | -.405 |
| 330 | 379 | -.214 | .081 | .015 | -.641 | 330 | 521 | -.132 | .138 | .202 | -.841 | 330 | 571 | .049 | .112 | .554 | -.292 |
| 330 | 380 | -.239 | .098 | -.007 | -.789 | 330 | 522 | -.078 | .061 | .168 | -.496 | 330 | 572 | -.015 | .047 | .256 | -.196 |
| 330 | 381 | -.247 | .098 | -.021 | -.751 | 330 | 523 | -.118 | .047 | .133 | -.306 | 330 | 573 | .003 | .055 | .315 | -.166 |
| 330 | 382 | -.242 | .096 | -.023 | -.749 | 330 | 524 | -.155 | .048 | .103 | -.364 | 330 | 574 | .004 | .044 | .185 | -.201 |
| 330 | 383 | -.229 | .100 | -.024 | -.653 | 330 | 525 | -.130 | .051 | .059 | -.348 | 330 | 575 | .007 | .046 | .223 | -.156 |
| 330 | 384 | -.266 | .109 | -.047 | -.734 | 330 | 526 | -.183 | .060 | -.006 | -.468 | 330 | 576 | .037 | .055 | .279 | -.186 |
| 330 | 385 | -.241 | .091 | -.031 | -.611 | 330 | 527 | -.144 | .057 | .101 | -.376 | 330 | 577 | -.371 | .200 | .138 | -1.442 |
| 330 | 386 | -.193 | .086 | .064 | -.578 | 330 | 528 | -.191 | .065 | .005 | -.490 | 330 | 578 | -.201 | .113 | .075 | -.989 |
| 330 | 387 | -.195 | .097 | .056 | -.733 | 330 | 529 | -.223 | .161 | .314 | -.980 | 330 | 579 | -.171 | .090 | .071 | -.824 |
| 330 | 388 | -.246 | .092 | -.037 | -.701 | 330 | 530 | -.205 | .187 | .369 | -1.142 | 330 | 580 | -.118 | .064 | .080 | -.483 |
| 330 | 389 | -.257 | .096 | -.040 | -.718 | 330 | 531 | -.086 | .164 | .378 | -.788 | 330 | 581 | -.154 | .065 | .029 | -.503 |
| 330 | 390 | -.258 | .097 | -.065 | -.608 | 330 | 532 | -.114 | .150 | .281 | -.839 | 330 | 582 | -.172 | .071 | .016 | -.533 |
| 330 | 391 | -.240 | .090 | .016 | -.625 | 330 | 533 | -.068 | .062 | .304 | -.320 | 330 | 583 | -.157 | .061 | .015 | -.467 |
| 330 | 392 | -.247 | .101 | .012 | -.755 | 330 | 534 | -.164 | .060 | .047 | -.464 | 330 | 584 | -.153 | .064 | .078 | -.376 |
| 330 | 393 | -.259 | .109 | .019 | -.737 | 330 | 535 | -.185 | .066 | .098 | -.439 | 330 | 585 | -.158 | .071 | .027 | -.449 |
| 330 | 394 | -.254 | .101 | -.023 | -.801 | 330 | 536 | -.115 | .141 | .411 | -.642 | 330 | 586 | -.129 | .065 | .047 | -.458 |
| 330 | 395 | -.258 | .102 | -.029 | -.649 | 330 | 537 | -.054 | .203 | .592 | -.739 | 330 | 587 | -.075 | .038 | .094 | -.320 |
| 330 | 396 | -.226 | .086 | .017 | -.635 | 330 | 538 | -.008 | .116 | .470 | -.486 | 330 | 588 | -.054 | .031 | .205 | -.191 |
| 330 | 397 | -.211 | .097 | -.003 | -.670 | 330 | 539 | .012 | .120 | .492 | -.489 | 330 | 589 | -.129 | .047 | .079 | -.341 |
| 330 | 398 | -.246 | .092 | -.028 | -.798 | 330 | 540 | -.040 | .094 | .588 | -.419 | 330 | 590 | -.159 | .060 | .030 | -.407 |
| 330 | 399 | -.174 | .085 | .004 | -.545 | 330 | 541 | -.033 | .099 | .631 | -.507 | 330 | 591 | -.094 | .077 | .108 | -.581 |
| 330 | 400 | -.109 | .061 | .057 | -.682 | 330 | 542 | -.047 | .103 | .641 | -.450 | 330 | 592 | -.039 | .056 | .202 | -.314 |
| 330 | 401 | -.089 | .086 | .123 | -.588 | 330 | 543 | -.037 | .055 | .212 | -.290 | 330 | 593 | -.020 | .037 | .185 | -.183 |
| 330 | 402 | -.098 | .089 | .090 | -.775 | 330 | 544 | -.048 | .065 | .246 | -.289 | 330 | 594 | -.034 | .033 | .108 | -.147 |
| 330 | 403 | -.182 | .084 | .004 | -.611 | 330 | 545 | .003 | .048 | .199 | -.330 | 330 | 595 | -.106 | .042 | .054 | -.235 |
| 330 | 404 | -.181 | .080 | .010 | -.618 | 330 | 546 | .020 | .052 | .241 | -.200 | 330 | 596 | -.127 | .049 | .010 | -.473 |
| 330 | 405 | -.163 | .083 | .050 | -.692 | 330 | 547 | .064 | .084 | .404 | -.256 | 330 | 597 | -.219 | .087 | -.031 | -.737 |
| 330 | 406 | -.077 | .061 | .094 | -.409 | 330 | 548 | .065 | .076 | .414 | -.249 | 330 | 598 | -.236 | .104 | .053 | -.887 |
| 330 | 407 | -.062 | .089 | .114 | -.567 | 330 | 549 | -.548 | .275 | .152 | -1.698 | 330 | 599 | -.186 | .079 | .018 | -.589 |
| 330 | 408 | -.074 | .093 | .103 | -.734 | 330 | 550 | -.249 | .152 | .178 | -1.016 | 330 | 600 | -.199 | .101 | .054 | -.860 |
| 330 | 501 | -.539 | .277 | .353 | -1.641 | 330 | 551 | -.115 | .086 | .154 | -.561 | 330 | 701 | -.169 | .107 | .124 | -.651 |
| 330 | 502 | -.331 | .227 | .363 | -1.123 | 330 | 552 | -.117 | .069 | .173 | -.485 | 330 | 702 | -.225 | .073 | .102 | -.693 |
| 330 | 503 | -.078 | .092 | .334 | -.595 | 330 | 553 | -.130 | .059 | .110 | -.379 | 330 | 703 | -.181 | .077 | .023 | -1.573 |
| 330 | 504 | -.064 | .075 | .317 | -.489 | 330 | 554 | -.158 | .061 | .071 | -.401 | 330 | 704 | -.256 | .086 | -.027 | -.644 |
| 330 | 505 | -.071 | .068 | .327 | -.460 | 330 | 555 | -.117 | .056 | .091 | -.385 | 330 | 705 | -.362 | .105 | -.049 | -.882 |
| 330 | 506 | -.115 | .053 | .194 | -.322 | 330 | 556 | -.161 | .064 | .048 | -.466 | 330 | 706 | -.198 | .147 | .100 | -1.072 |
| 330 | 507 | -.498 | .269 | .443 | -1.607 | 330 | 557 | -.336 | .152 | .185 | -.949 | 330 | 707 | -.191 | .305 | .596 | -1.958 |
| 330 | 508 | -.441 | .285 | .415 | -1.434 | 330 | 558 | -.280 | .145 | .199 | -.824 | 330 | 708 | -.436 | .275 | .385 | -1.290 |
| 330 | 509 | -.042 | .090 | .415 | -.708 | 330 | 559 | -.081 | .078 | .138 | -.494 | 330 | 709 | -.243 | .214 | .405 | -1.054 |
| 330 | 510 | -.045 | .068 | .372 | -.322 | 330 | 560 | -.080 | .049 | .131 | -.291 | 330 | 710 | -.044 | .111 | .421 | -.557 |
| 330 | 511 | -.060 | .055 | .276 | -.272 | 330 | 561 | -.137 | .052 | .033 | -.330 | 330 | 711 | .024 | .077 | .287 | -.330 |
| 330 | 512 | -.102 | .054 | .218 | -.305 | 330 | 562 | -.192 | .063 | -.004 | -.460 | 330 | 712 | -.316 | .198 | .329 | -1.140 |
| 330 | 513 | -.507 | .233 | .420 | -1.428 | 330 | 563 | -.148 | .094 | .119 | -.566 | 330 | 713 | -.150 | .101 | .345 | -.716 |
| 330 | 514 | -.506 | .260 | .312 | -1.381 | 330 | 564 | -.133 | .098 | .161 | -.661 | 330 | 714 | .015 | .056 | .255 | -.205 |
| 330 | 515 | -.123 | .173 | .401 | -.995 | 330 | 565 | -.104 | .119 | .286 | -.610 | 330 | 715 | -.262 | .144 | .091 | -.896 |
| 330 | 516 | -.054 | .062 | .251 | -.443 | 330 | 566 | -.028 | .075 | .260 | -.330 | 330 | 716 | -.080 | .066 | .105 | -.449 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 330 | 717 | -.168 | .054 | -.008 | -.437 | 330 | 931 | -.056 | .131 | .505 | -.457 | 340 | 139 | -.022 | .045 | .169 | -.175 |
| 330 | 718 | -.206 | .054 | -.016 | -.438 | 330 | 932 | -.271 | .091 | .089 | -.603 | 340 | 140 | -.019 | .049 | .193 | -.188 |
| 330 | 719 | -.250 | .086 | -.053 | -.686 | 330 | 933 | -.036 | .134 | .459 | -.438 | 340 | 141 | -.104 | .062 | .112 | -.365 |
| 330 | 720 | -.178 | .076 | .019 | -.587 | 330 | 934 | -.305 | .087 | .013 | -.770 | 340 | 142 | -.028 | .048 | .204 | -.204 |
| 330 | 721 | -.271 | .105 | -.045 | -1.344 | 330 | 935 | -.310 | .105 | .058 | -.806 | 340 | 143 | .079 | .048 | .275 | -.059 |
| 330 | 722 | -.247 | .103 | -.028 | -.747 | 330 | 936 | -.148 | .107 | .182 | -.663 | 340 | 144 | .074 | .047 | .319 | -.051 |
| 330 | 723 | -.217 | .097 | -.022 | -.665 | 330 | 937 | -.314 | .089 | .035 | -.843 | 340 | 145 | .035 | .040 | .196 | -.094 |
| 330 | 724 | -.248 | .101 | -.028 | -.722 | 330 | 938 | -.307 | .102 | .046 | -.808 | 340 | 146 | .031 | .041 | .211 | -.188 |
| 330 | 725 | -.216 | .076 | .002 | -.694 | 330 | 939 | -.204 | .093 | .083 | -.622 | 340 | 147 | .032 | .066 | .282 | -.262 |
| 330 | 726 | -.228 | .072 | -.082 | -.636 | 330 | 940 | -.322 | .096 | .007 | -.836 | 340 | 148 | .125 | .065 | .398 | -.078 |
| 330 | 727 | -.302 | .095 | -.076 | -.863 | 330 | 941 | -.284 | .095 | .035 | -.681 | 340 | 149 | .239 | .089 | .634 | -.002 |
| 330 | 728 | -.341 | .109 | -.052 | -.822 | 330 | 942 | -.209 | .089 | .111 | -.550 | 340 | 150 | .237 | .088 | .632 | -.041 |
| 330 | 729 | -.220 | .094 | .066 | -.595 | 340 | 101 | .057 | .067 | .287 | -.240 | 340 | 151 | .167 | .068 | .471 | -.075 |
| 330 | 730 | -.277 | .079 | -.023 | -.815 | 340 | 102 | .174 | .080 | .460 | -.145 | 340 | 152 | .139 | .062 | .448 | -.073 |
| 330 | 731 | -.263 | .102 | -.029 | -.745 | 340 | 103 | .292 | .095 | .627 | -.033 | 340 | 153 | .055 | .116 | .604 | -.396 |
| 330 | 732 | -.205 | .123 | .072 | -.981 | 340 | 104 | .373 | .101 | .742 | .038 | 340 | 154 | -.031 | .098 | .351 | -.389 |
| 330 | 733 | -.213 | .081 | .003 | -.619 | 340 | 105 | .416 | .115 | .762 | .023 | 340 | 155 | .085 | .112 | .649 | -.361 |
| 330 | 734 | -.243 | .109 | .064 | -.775 | 340 | 106 | .312 | .118 | .737 | -.226 | 340 | 156 | .057 | .093 | .590 | -.272 |
| 330 | 735 | -.213 | .098 | .094 | -.655 | 340 | 107 | .076 | .066 | .278 | -.158 | 340 | 157 | .258 | .187 | .866 | -.366 |
| 330 | 736 | -.072 | .083 | .098 | -.538 | 340 | 108 | .232 | .081 | .471 | -.044 | 340 | 158 | .439 | .160 | 1.104 | -.242 |
| 330 | 901 | -.226 | .083 | -.059 | -.702 | 340 | 109 | .413 | .110 | .763 | .064 | 340 | 159 | .376 | .140 | .840 | -.149 |
| 330 | 902 | -.229 | .084 | -.063 | -.662 | 340 | 110 | .500 | .111 | .808 | .076 | 340 | 160 | .093 | .146 | .687 | -.428 |
| 330 | 903 | -.236 | .092 | -.030 | -.877 | 340 | 111 | .497 | .125 | .863 | .108 | 340 | 161 | .203 | .140 | .788 | -.392 |
| 330 | 904 | -.213 | .099 | .030 | -.871 | 340 | 112 | .269 | .129 | .676 | -.196 | 340 | 162 | .058 | .115 | .521 | -.307 |
| 330 | 905 | -.194 | .089 | -.008 | -1.020 | 340 | 113 | .042 | .065 | .299 | -.192 | 340 | 163 | .099 | .130 | .600 | -.411 |
| 330 | 906 | -.137 | .084 | .107 | -.575 | 340 | 114 | .222 | .082 | .473 | -.048 | 340 | 164 | .138 | .112 | .531 | -.245 |
| 330 | 907 | -.209 | .089 | .009 | -.721 | 340 | 115 | .497 | .112 | .844 | .162 | 340 | 165 | .013 | .066 | .379 | -.218 |
| 330 | 908 | -.192 | .084 | .040 | -.522 | 340 | 116 | .587 | .125 | .997 | .209 | 340 | 166 | .062 | .065 | .409 | -.169 |
| 330 | 909 | -.315 | .113 | .026 | -.767 | 340 | 117 | .462 | .122 | .815 | .037 | 340 | 167 | .065 | .053 | .366 | -.161 |
| 330 | 910 | -.344 | .132 | -.020 | -.910 | 340 | 118 | .255 | .121 | .729 | -.111 | 340 | 168 | .058 | .050 | .369 | -.118 |
| 330 | 911 | -.036 | .126 | .461 | -.534 | 340 | 119 | .023 | .070 | .285 | -.302 | 340 | 169 | .137 | .079 | .574 | -.071 |
| 330 | 912 | -.036 | .133 | .469 | -.513 | 340 | 120 | .169 | .083 | .471 | -.126 | 340 | 170 | .197 | .134 | .689 | -.181 |
| 330 | 913 | -.029 | .058 | .339 | -.197 | 340 | 121 | .433 | .117 | .765 | .083 | 340 | 171 | .307 | .149 | .813 | -.161 |
| 330 | 914 | -.068 | .056 | .181 | -.300 | 340 | 122 | .521 | .129 | .871 | .130 | 340 | 172 | .227 | .116 | .707 | -.141 |
| 330 | 915 | -.036 | .060 | .221 | -.271 | 340 | 123 | .402 | .127 | .855 | -.002 | 340 | 173 | .016 | .072 | .376 | -.163 |
| 330 | 916 | -.028 | .067 | .262 | -.286 | 340 | 124 | .167 | .137 | .781 | -.283 | 340 | 174 | .078 | .076 | .476 | -.191 |
| 330 | 917 | -.255 | .083 | -.039 | -.688 | 340 | 125 | -.074 | .072 | .195 | -.405 | 340 | 175 | .034 | .060 | .323 | -.166 |
| 330 | 918 | -.267 | .094 | -.069 | -.922 | 340 | 126 | .069 | .084 | .400 | -.184 | 340 | 176 | .008 | .066 | .288 | -.307 |
| 330 | 919 | -.263 | .093 | -.063 | -.932 | 340 | 127 | .308 | .116 | .710 | -.008 | 340 | 177 | .119 | .082 | .501 | -.086 |
| 330 | 920 | -.186 | .212 | .485 | -.919 | 340 | 128 | .410 | .130 | .935 | .073 | 340 | 178 | .113 | .078 | .594 | -.080 |
| 330 | 921 | -.222 | .206 | .420 | -1.161 | 340 | 129 | .366 | .130 | .983 | -.011 | 340 | 201 | -.339 | .124 | -.009 | -1.156 |
| 330 | 922 | -.056 | .062 | .252 | -.352 | 340 | 130 | .224 | .138 | .771 | -.249 | 340 | 202 | -.297 | .105 | .024 | -.828 |
| 330 | 923 | -.075 | .054 | .221 | -.347 | 340 | 131 | .279 | .122 | .840 | -.020 | 340 | 203 | -.308 | .092 | .031 | -.873 |
| 330 | 924 | -.027 | .062 | .251 | -.348 | 340 | 132 | .237 | .125 | .840 | -.073 | 340 | 204 | -.300 | .077 | -.017 | -.697 |
| 330 | 925 | .018 | .086 | .406 | -.308 | 340 | 133 | -.189 | .075 | .108 | -.463 | 340 | 205 | -.264 | .062 | -.078 | -.523 |
| 330 | 926 | -.260 | .068 | -.041 | -.635 | 340 | 134 | -.057 | .066 | .248 | -.369 | 340 | 206 | -.269 | .059 | -.093 | -.561 |
| 330 | 927 | -.257 | .070 | -.101 | -.587 | 340 | 135 | .088 | .067 | .393 | -.097 | 340 | 207 | -.331 | .118 | -.038 | -1.115 |
| 330 | 928 | -.249 | .069 | -.081 | -.610 | 340 | 136 | .147 | .078 | .460 | -.098 | 340 | 208 | -.316 | .101 | -.045 | -.970 |
| 330 | 929 | -.268 | .088 | .023 | -.609 | 340 | 137 | .137 | .094 | .546 | -.072 | 340 | 209 | -.300 | .081 | -.038 | -.842 |
| 330 | 930 | -.308 | .111 | .095 | -.684 | 340 | 138 | .124 | .101 | .581 | -.190 | 340 | 210 | -.276 | .069 | -.046 | -.573 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 340 | 211 | -.285 | .067 | -.058 | -.551 | 340 | 261 | -.310 | .112 | -.000 | -.831 | 340 | 331 | -.316 | .083 | -.085 | -.678 |
| 340 | 212 | -.277 | .066 | -.079 | -.547 | 340 | 262 | -.298 | .092 | .044 | -.798 | 340 | 332 | -.323 | .076 | -.122 | -.691 |
| 340 | 213 | -.343 | .122 | -.089 | -1.249 | 340 | 263 | -.287 | .087 | .063 | -.754 | 340 | 333 | -.311 | .092 | .023 | -.729 |
| 340 | 214 | -.310 | .100 | -.079 | -.876 | 340 | 264 | -.289 | .084 | -.077 | -.696 | 340 | 334 | -.328 | .100 | -.000 | -.761 |
| 340 | 215 | -.290 | .072 | -.086 | -.724 | 340 | 265 | -.273 | .129 | .113 | -.836 | 340 | 336 | -.328 | .091 | -.044 | -.800 |
| 340 | 216 | -.264 | .063 | -.067 | -.576 | 340 | 266 | -.241 | .109 | .036 | -.601 | 340 | 337 | -.325 | .095 | -.085 | -.837 |
| 340 | 217 | -.249 | .059 | -.035 | -.535 | 340 | 267 | -.241 | .128 | .121 | -.908 | 340 | 338 | -.341 | .094 | -.069 | -.736 |
| 340 | 218 | -.244 | .061 | -.039 | -.500 | 340 | 268 | -.204 | .099 | .067 | -.590 | 340 | 339 | -.355 | .091 | -.049 | -.791 |
| 340 | 219 | -.392 | .143 | -.074 | -1.638 | 340 | 269 | -.138 | .091 | .149 | -.428 | 340 | 340 | -.343 | .093 | -.070 | -.856 |
| 340 | 220 | -.361 | .120 | -.108 | -1.178 | 340 | 270 | -.130 | .077 | .131 | -.362 | 340 | 341 | -.344 | .095 | -.028 | -.850 |
| 340 | 221 | -.317 | .086 | -.033 | -.856 | 340 | 271 | -.150 | .061 | .093 | -.458 | 340 | 342 | -.352 | .094 | -.069 | -.845 |
| 340 | 222 | -.270 | .066 | -.100 | -.507 | 340 | 272 | -.186 | .057 | -.023 | -.407 | 340 | 343 | -.323 | .100 | -.031 | -.686 |
| 340 | 223 | -.273 | .065 | -.091 | -.520 | 340 | 273 | -.220 | .069 | -.013 | -.493 | 340 | 344 | -.331 | .103 | -.000 | -.704 |
| 340 | 224 | -.267 | .064 | -.093 | -.525 | 340 | 274 | -.360 | .123 | -.059 | -.847 | 340 | 345 | -.311 | .101 | -.008 | -.696 |
| 340 | 225 | -.415 | .138 | -.106 | -1.231 | 340 | 275 | -.120 | .092 | .111 | -.534 | 340 | 346 | -.316 | .100 | -.005 | -.648 |
| 340 | 226 | -.392 | .121 | -.051 | -.982 | 340 | 276 | -.117 | .082 | .106 | -.431 | 340 | 347 | -.176 | .087 | .050 | -.666 |
| 340 | 227 | -.374 | .109 | .031 | -1.362 | 340 | 277 | -.132 | .058 | .077 | -.387 | 340 | 348 | -.210 | .092 | .010 | -.724 |
| 340 | 228 | -.347 | .093 | -.076 | -.790 | 340 | 278 | -.142 | .052 | .028 | -.357 | 340 | 349 | -.230 | .079 | -.033 | -.854 |
| 340 | 229 | -.328 | .087 | -.059 | -.908 | 340 | 279 | -.176 | .069 | .053 | -.496 | 340 | 350 | -.281 | .070 | -.085 | -.626 |
| 340 | 230 | -.313 | .085 | -.074 | -.812 | 340 | 280 | -.318 | .122 | .015 | -.861 | 340 | 351 | -.299 | .077 | -.057 | -.588 |
| 340 | 231 | -.420 | .128 | -.053 | -1.170 | 340 | 301 | -.188 | .060 | -.022 | -.390 | 340 | 352 | -.313 | .084 | -.046 | -.672 |
| 340 | 232 | -.406 | .117 | -.018 | -.963 | 340 | 302 | -.224 | .066 | -.026 | -.490 | 340 | 353 | -.191 | .087 | .006 | -.566 |
| 340 | 233 | -.373 | .109 | -.087 | -1.070 | 340 | 303 | -.231 | .077 | -.033 | -.718 | 340 | 354 | -.208 | .092 | -.007 | -.631 |
| 340 | 234 | -.356 | .106 | .044 | -.838 | 340 | 304 | -.254 | .066 | -.044 | -.583 | 340 | 355 | -.253 | .116 | .029 | -.972 |
| 340 | 235 | -.400 | .125 | -.072 | -1.189 | 340 | 305 | -.274 | .078 | -.016 | -.640 | 340 | 356 | -.264 | .126 | .012 | -.963 |
| 340 | 236 | -.399 | .122 | -.074 | -1.058 | 340 | 306 | -.278 | .082 | -.028 | -.749 | 340 | 357 | -.240 | .096 | -.012 | -.660 |
| 340 | 237 | -.384 | .115 | -.059 | -1.125 | 340 | 307 | -.212 | .060 | -.040 | -.429 | 340 | 358 | -.248 | .075 | -.045 | -.617 |
| 340 | 238 | -.380 | .116 | -.140 | -1.195 | 340 | 308 | -.219 | .061 | -.049 | -.431 | 340 | 359 | -.293 | .086 | -.093 | -.657 |
| 340 | 239 | -.328 | .092 | -.007 | -.671 | 340 | 309 | -.186 | .063 | -.015 | -.432 | 340 | 360 | -.314 | .094 | -.058 | -.737 |
| 340 | 240 | -.324 | .089 | -.084 | -.642 | 340 | 310 | -.239 | .061 | -.031 | -.485 | 340 | 361 | -.297 | .139 | -.015 | -1.281 |
| 340 | 241 | -.298 | .089 | -.031 | -.681 | 340 | 311 | -.255 | .073 | .003 | -.747 | 340 | 362 | -.327 | .160 | -.030 | -1.418 |
| 340 | 242 | -.244 | .076 | -.018 | -.523 | 340 | 312 | -.269 | .078 | -.021 | -.708 | 340 | 363 | -.275 | .085 | -.031 | -.695 |
| 340 | 243 | -.220 | .081 | .014 | -.573 | 340 | 313 | -.241 | .053 | -.052 | -.487 | 340 | 364 | -.310 | .090 | -.108 | -.928 |
| 340 | 244 | -.196 | .090 | .074 | -.592 | 340 | 314 | -.242 | .054 | -.057 | -.514 | 340 | 365 | -.293 | .076 | -.075 | -.662 |
| 340 | 245 | -.273 | .127 | .021 | -.740 | 340 | 315 | -.247 | .054 | -.087 | -.503 | 340 | 366 | -.278 | .086 | -.026 | -.686 |
| 340 | 246 | -.298 | .123 | -.029 | -.954 | 340 | 316 | -.247 | .052 | -.099 | -.440 | 340 | 367 | -.312 | .097 | -.057 | -.727 |
| 340 | 247 | .058 | .092 | .496 | -.223 | 340 | 317 | -.260 | .057 | -.075 | -.490 | 340 | 368 | -.285 | .087 | -.057 | -.760 |
| 340 | 248 | -.116 | .123 | .233 | -.756 | 340 | 318 | -.279 | .068 | -.091 | -.593 | 340 | 369 | -.309 | .100 | -.030 | -.699 |
| 340 | 249 | -.145 | .132 | .165 | -.889 | 340 | 319 | -.241 | .064 | -.047 | -.565 | 340 | 370 | -.219 | .103 | .084 | -.624 |
| 340 | 250 | -.327 | .092 | -.112 | -1.048 | 340 | 320 | -.249 | .065 | -.062 | -.614 | 340 | 371 | -.281 | .119 | .060 | -.822 |
| 340 | 251 | -.300 | .092 | -.048 | -.715 | 340 | 321 | -.261 | .070 | -.077 | -.567 | 340 | 372 | -.229 | .107 | .086 | -.597 |
| 340 | 252 | -.307 | .094 | -.045 | -.702 | 340 | 322 | -.240 | .056 | -.074 | -.440 | 340 | 373 | -.260 | .112 | .050 | -.803 |
| 340 | 253 | -.350 | .102 | -.108 | -.851 | 340 | 323 | -.262 | .061 | -.088 | -.472 | 340 | 374 | -.166 | .081 | .009 | -.641 |
| 340 | 254 | -.324 | .100 | -.025 | -.798 | 340 | 324 | -.296 | .080 | -.049 | -.679 | 340 | 375 | -.186 | .086 | .003 | -.748 |
| 340 | 255 | -.366 | .118 | -.046 | -1.158 | 340 | 325 | -.269 | .085 | -.015 | -.731 | 340 | 376 | -.212 | .083 | -.026 | -.659 |
| 340 | 256 | -.343 | .104 | -.082 | -.738 | 340 | 326 | -.278 | .089 | -.041 | -.809 | 340 | 377 | -.262 | .077 | -.061 | -.690 |
| 340 | 257 | -.344 | .103 | -.045 | -.845 | 340 | 327 | -.335 | .116 | -.062 | -1.124 | 340 | 378 | -.261 | .079 | .009 | -.610 |
| 340 | 258 | -.354 | .132 | .014 | -.997 | 340 | 328 | -.358 | .132 | -.075 | -1.246 | 340 | 379 | -.249 | .086 | -.043 | -.689 |
| 340 | 259 | -.294 | .107 | -.022 | -.705 | 340 | 329 | -.358 | .127 | -.049 | -1.145 | 340 | 380 | -.184 | .083 | .005 | -.505 |
| 340 | 260 | -.320 | .119 | .093 | -.858 | 340 | 330 | -.374 | .145 | -.066 | -1.335 | 340 | 381 | -.196 | .085 | -.005 | -.554 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| UD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | UD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | UD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 340 | 382 | -.189 | .085 | -.021 | -.591 | 340 | 524 | -.208 | .060 | -.025 | -.494 | 340 | 574 | .026 | .053 | .249 | -.220 |
| 340 | 383 | -.187 | .093 | .016 | -.542 | 340 | 525 | -.180 | .060 | .060 | -.420 | 340 | 575 | .025 | .060 | .308 | -.255 |
| 340 | 384 | -.231 | .110 | -.011 | -.679 | 340 | 526 | -.234 | .073 | -.028 | -.505 | 340 | 576 | .088 | .072 | .399 | -.110 |
| 340 | 385 | -.232 | .099 | 0.000 | -.683 | 340 | 527 | -.199 | .067 | -.019 | -.471 | 340 | 577 | -.577 | .215 | -.004 | -1.449 |
| 340 | 386 | -.230 | .094 | .005 | -.685 | 340 | 528 | -.251 | .081 | -.042 | -.542 | 340 | 578 | -.264 | .131 | .017 | -.940 |
| 340 | 387 | -.238 | .104 | .138 | -.756 | 340 | 529 | -.274 | .202 | .289 | -1.134 | 340 | 579 | -.222 | .102 | .055 | -.797 |
| 340 | 388 | -.213 | .097 | .044 | -.691 | 340 | 530 | -.257 | .219 | .407 | -1.060 | 340 | 580 | -.133 | .060 | .058 | -.395 |
| 340 | 389 | -.227 | .100 | .036 | -.683 | 340 | 531 | -.166 | .197 | .413 | -.930 | 340 | 581 | -.146 | .060 | .044 | -.386 |
| 340 | 390 | -.242 | .106 | -.021 | -.735 | 340 | 532 | -.189 | .153 | .237 | -.786 | 340 | 582 | -.151 | .065 | .028 | -.414 |
| 340 | 391 | -.232 | .106 | -.034 | -.813 | 340 | 533 | -.107 | .062 | .124 | -.400 | 340 | 583 | -.150 | .056 | .017 | -.402 |
| 340 | 392 | -.261 | .115 | .015 | -.953 | 340 | 534 | -.217 | .071 | .022 | -.544 | 340 | 584 | -.139 | .065 | .041 | -.387 |
| 340 | 393 | -.281 | .129 | .036 | -.982 | 340 | 535 | -.236 | .079 | -.034 | -.588 | 340 | 585 | -.251 | .084 | -.042 | -.692 |
| 340 | 394 | -.214 | .107 | -.006 | -.789 | 340 | 536 | -.076 | .168 | .548 | -.711 | 340 | 586 | -.210 | .076 | .028 | -.537 |
| 340 | 395 | -.219 | .116 | .021 | -.792 | 340 | 537 | -.069 | .234 | .743 | -.866 | 340 | 587 | -.090 | .045 | .050 | -.319 |
| 340 | 396 | -.225 | .106 | -.014 | -.772 | 340 | 538 | .085 | .131 | .571 | -.371 | 340 | 588 | -.060 | .035 | .051 | -.249 |
| 340 | 397 | -.204 | .119 | .041 | -.825 | 340 | 539 | .069 | .139 | .592 | -.590 | 340 | 589 | -.132 | .058 | .013 | -.422 |
| 340 | 398 | -.256 | .127 | -.030 | -1.044 | 340 | 540 | .018 | .107 | .448 | -.403 | 340 | 590 | -.160 | .076 | .014 | -.563 |
| 340 | 399 | -.204 | .102 | .032 | -.745 | 340 | 541 | .020 | .111 | .464 | -.435 | 340 | 591 | -.161 | .093 | .119 | -.570 |
| 340 | 400 | -.167 | .092 | .036 | -.600 | 340 | 542 | .004 | .116 | .467 | -.468 | 340 | 592 | -.078 | .073 | .192 | -.329 |
| 340 | 401 | -.179 | .127 | .144 | -.738 | 340 | 543 | -.006 | .056 | .232 | -.319 | 340 | 593 | -.021 | .045 | .171 | -.159 |
| 340 | 402 | -.176 | .127 | .107 | -.633 | 340 | 544 | -.024 | .065 | .309 | -.238 | 340 | 594 | -.035 | .038 | .114 | -.156 |
| 340 | 403 | -.205 | .103 | .054 | -.650 | 340 | 545 | .034 | .048 | .253 | -.227 | 340 | 595 | -.116 | .053 | .046 | -.324 |
| 340 | 404 | -.212 | .110 | .039 | -.839 | 340 | 546 | .048 | .052 | .320 | -.158 | 340 | 596 | -.129 | .066 | .024 | -.411 |
| 340 | 405 | -.192 | .120 | .107 | -.779 | 340 | 547 | .123 | .090 | .463 | -.258 | 340 | 597 | -.232 | .115 | .035 | -.866 |
| 340 | 406 | -.130 | .090 | .184 | -.567 | 340 | 548 | .117 | .084 | .519 | -.178 | 340 | 598 | -.250 | .129 | -.031 | -.975 |
| 340 | 407 | -.155 | .139 | .155 | -.726 | 340 | 549 | -.729 | .254 | -.092 | -1.711 | 340 | 599 | -.208 | .103 | .028 | -.785 |
| 340 | 408 | -.162 | .138 | .158 | -.739 | 340 | 550 | -.354 | .178 | .119 | -1.212 | 340 | 600 | -.226 | .116 | .031 | -.867 |
| 340 | 501 | -.722 | .242 | .057 | -1.772 | 340 | 551 | -.148 | .090 | .128 | -.564 | 340 | 701 | -.172 | .117 | .438 | -.752 |
| 340 | 502 | -.569 | .171 | .067 | -1.268 | 340 | 552 | -.148 | .066 | .104 | -.453 | 340 | 702 | -.292 | .067 | -.066 | -.606 |
| 340 | 503 | -.204 | .084 | .041 | -.616 | 340 | 553 | -.146 | .061 | .076 | -.428 | 340 | 703 | -.241 | .063 | -.065 | -.542 |
| 340 | 504 | -.171 | .052 | .027 | -.405 | 340 | 554 | -.173 | .067 | .022 | -.454 | 340 | 704 | -.336 | .101 | -.063 | -.870 |
| 340 | 505 | -.132 | .050 | .048 | -.363 | 340 | 555 | -.139 | .058 | .107 | -.347 | 340 | 705 | -.396 | .122 | -.100 | -.988 |
| 340 | 506 | -.181 | .054 | .004 | -.441 | 340 | 556 | -.180 | .069 | .066 | -.419 | 340 | 706 | -.209 | .159 | .201 | -1.010 |
| 340 | 507 | -.664 | .220 | .142 | -1.548 | 340 | 557 | -.447 | .128 | .036 | -.916 | 340 | 707 | -.398 | .276 | .374 | -1.471 |
| 340 | 508 | -.699 | .218 | .018 | -1.384 | 340 | 558 | -.394 | .133 | .083 | -.902 | 340 | 708 | -.584 | .262 | .462 | -1.519 |
| 340 | 509 | -.162 | .086 | .122 | -.524 | 340 | 559 | -.120 | .085 | .119 | -.524 | 340 | 709 | -.325 | .291 | .490 | -1.588 |
| 340 | 510 | -.141 | .051 | .079 | -.466 | 340 | 560 | -.106 | .050 | .066 | -.300 | 340 | 710 | .028 | .122 | .615 | -.472 |
| 340 | 511 | -.116 | .042 | .027 | -.298 | 340 | 561 | -.165 | .063 | -.007 | -.386 | 340 | 711 | .082 | .084 | .432 | -.269 |
| 340 | 512 | -.157 | .049 | -.011 | -.379 | 340 | 562 | -.222 | .082 | -.014 | -.553 | 340 | 712 | -.408 | .198 | .245 | -1.151 |
| 340 | 513 | -.621 | .173 | -.082 | -1.258 | 340 | 563 | -.230 | .118 | .093 | -.642 | 340 | 713 | -.193 | .125 | .269 | -.733 |
| 340 | 514 | -.610 | .175 | .256 | -1.206 | 340 | 564 | -.190 | .124 | .247 | -.630 | 340 | 714 | .055 | .068 | .367 | -.163 |
| 340 | 515 | -.275 | .224 | .339 | -1.025 | 340 | 565 | -.151 | .138 | .395 | -.630 | 340 | 715 | -.346 | .163 | .162 | -1.161 |
| 340 | 516 | -.118 | .081 | .215 | -.533 | 340 | 566 | -.050 | .083 | .303 | -.376 | 340 | 716 | -.121 | .086 | .116 | -.455 |
| 340 | 517 | -.152 | .049 | .045 | -.391 | 340 | 567 | -.083 | .053 | .131 | -.281 | 340 | 717 | -.224 | .062 | -.023 | -.471 |
| 340 | 518 | -.200 | .049 | -.035 | -.385 | 340 | 568 | -.142 | .065 | .048 | -.543 | 340 | 718 | -.241 | .057 | -.061 | -.488 |
| 340 | 519 | -.568 | .182 | .078 | -1.276 | 340 | 569 | -.217 | .090 | .003 | -.792 | 340 | 719 | -.332 | .118 | -.062 | -.974 |
| 340 | 520 | -.570 | .194 | .286 | -1.384 | 340 | 570 | -.111 | .091 | .232 | -.535 | 340 | 720 | -.207 | .091 | -.003 | -.723 |
| 340 | 521 | -.225 | .179 | .220 | -.983 | 340 | 571 | .146 | .125 | .694 | -.262 | 340 | 721 | -.322 | .154 | -.024 | -1.651 |
| 340 | 522 | -.125 | .076 | .180 | -.568 | 340 | 572 | .018 | .054 | .326 | -.159 | 340 | 722 | -.190 | .095 | .001 | -.624 |
| 340 | 523 | -.169 | .054 | .047 | -.421 | 340 | 573 | .036 | .067 | .541 | -.224 | 340 | 723 | -.170 | .084 | .021 | -.624 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 340 | 724 | -.217 | .102 | .034 | -.657 | 340 | 938 | -.383 | .091 | -.094 | -.747 | 350 | 146 | .026 | .040 | .180 | -.123 |
| 340 | 725 | -.304 | .107 | .036 | -.941 | 340 | 939 | -.310 | .089 | .045 | -.635 | 350 | 147 | .056 | .053 | .263 | -.132 |
| 340 | 726 | -.332 | .110 | -.099 | -1.024 | 340 | 940 | -.361 | .087 | -.108 | -.801 | 350 | 148 | .122 | .059 | .401 | -.037 |
| 340 | 727 | -.384 | .119 | -.072 | -1.078 | 340 | 941 | -.375 | .100 | -.082 | -.753 | 350 | 149 | .218 | .088 | .645 | .003 |
| 340 | 728 | -.378 | .106 | -.074 | -.889 | 340 | 942 | -.314 | .102 | .104 | -.723 | 350 | 150 | .222 | .089 | .612 | .009 |
| 340 | 729 | -.327 | .103 | -.052 | -.719 | 350 | 101 | .111 | .083 | .382 | -.210 | 350 | 151 | .159 | .068 | .397 | -.022 |
| 340 | 730 | -.359 | .122 | -.096 | -1.136 | 350 | 102 | .235 | .097 | .506 | -.089 | 350 | 152 | .122 | .059 | .356 | -.080 |
| 340 | 731 | -.342 | .114 | -.041 | -.982 | 350 | 103 | .322 | .108 | .679 | -.071 | 350 | 153 | .056 | .086 | .510 | -.226 |
| 340 | 732 | -.307 | .124 | .144 | -.832 | 350 | 104 | .365 | .114 | .723 | -.015 | 350 | 154 | .022 | .085 | .441 | -.254 |
| 340 | 733 | -.263 | .097 | -.006 | -.696 | 350 | 105 | .332 | .109 | .666 | -.027 | 350 | 155 | .031 | .073 | .418 | -.210 |
| 340 | 734 | -.277 | .118 | .067 | -.913 | 350 | 106 | .147 | .106 | .494 | -.229 | 350 | 156 | .038 | .067 | .370 | -.128 |
| 340 | 735 | -.237 | .107 | .036 | -.928 | 350 | 107 | .140 | .080 | .393 | -.218 | 350 | 157 | .126 | .211 | .797 | -.713 |
| 340 | 736 | -.141 | .132 | .129 | -.989 | 350 | 108 | .314 | .098 | .633 | -.070 | 350 | 158 | .341 | .174 | .832 | -.540 |
| 340 | 901 | -.235 | .105 | -.051 | -.813 | 350 | 109 | .475 | .124 | .866 | .021 | 350 | 159 | .301 | .143 | .851 | -.365 |
| 340 | 902 | -.242 | .105 | -.046 | -.783 | 350 | 110 | .500 | .126 | .845 | .057 | 350 | 160 | -.020 | .151 | .489 | -.660 |
| 340 | 903 | -.274 | .112 | -.061 | -1.003 | 350 | 111 | .394 | .111 | .810 | .060 | 350 | 161 | .103 | .156 | .555 | -.561 |
| 340 | 904 | -.219 | .098 | .038 | -.905 | 350 | 112 | .037 | .114 | .458 | -.343 | 350 | 162 | -.010 | .119 | .428 | -.451 |
| 340 | 905 | -.252 | .101 | .009 | -.713 | 350 | 113 | .079 | .091 | .369 | -.446 | 350 | 163 | .001 | .135 | .459 | -.565 |
| 340 | 906 | -.184 | .098 | .135 | -.685 | 350 | 114 | .279 | .114 | .673 | -.269 | 350 | 164 | .077 | .114 | .482 | -.316 |
| 340 | 907 | -.266 | .102 | -.003 | -.738 | 350 | 115 | .529 | .141 | 1.004 | .137 | 350 | 165 | -.022 | .062 | .285 | -.239 |
| 340 | 908 | -.241 | .089 | -.020 | -.682 | 350 | 116 | .564 | .143 | 1.047 | .187 | 350 | 166 | .024 | .061 | .253 | -.217 |
| 340 | 909 | -.331 | .127 | .036 | -.824 | 350 | 117 | .354 | .120 | .741 | -.102 | 350 | 167 | .033 | .055 | .242 | -.198 |
| 340 | 910 | -.362 | .150 | .085 | -.933 | 350 | 118 | .117 | .098 | .566 | -.297 | 350 | 168 | .030 | .050 | .189 | -.239 |
| 340 | 911 | -.097 | .143 | .499 | -.714 | 350 | 119 | .008 | .100 | .385 | -.408 | 350 | 169 | .108 | .068 | .397 | -.081 |
| 340 | 912 | -.108 | .148 | .347 | -.789 | 350 | 120 | .160 | .107 | .604 | -.224 | 350 | 170 | .131 | .127 | .711 | -.278 |
| 340 | 913 | -.048 | .052 | .244 | -.224 | 350 | 121 | .397 | .133 | .904 | .028 | 350 | 171 | .228 | .143 | .755 | -.322 |
| 340 | 914 | -.061 | .054 | .223 | -.301 | 350 | 122 | .443 | .133 | .892 | .077 | 350 | 172 | .162 | .111 | .617 | -.204 |
| 340 | 915 | -.015 | .059 | .321 | -.210 | 350 | 123 | .268 | .127 | .676 | -.141 | 350 | 173 | -.020 | .055 | .289 | -.207 |
| 340 | 916 | .002 | .070 | .446 | -.233 | 350 | 124 | -.002 | .140 | .481 | -.514 | 350 | 174 | .037 | .070 | .278 | -.245 |
| 340 | 917 | -.295 | .097 | -.007 | -.713 | 350 | 125 | -.101 | .095 | .289 | -.521 | 350 | 175 | .013 | .044 | .236 | -.126 |
| 340 | 918 | -.295 | .096 | -.056 | -.906 | 350 | 126 | .055 | .094 | .462 | -.297 | 350 | 176 | -.008 | .053 | .236 | -.212 |
| 340 | 919 | -.289 | .092 | -.034 | -.911 | 350 | 127 | .265 | .110 | .766 | -.013 | 350 | 177 | .067 | .063 | .370 | -.120 |
| 340 | 920 | -.307 | .213 | .368 | -1.121 | 350 | 128 | .318 | .125 | .794 | .004 | 350 | 178 | .085 | .064 | .412 | -.078 |
| 340 | 921 | -.362 | .196 | .252 | -1.067 | 350 | 129 | .239 | .126 | .706 | -.078 | 350 | 201 | -.351 | .159 | .099 | -1.099 |
| 340 | 922 | -.097 | .062 | .237 | -.382 | 350 | 130 | .074 | .138 | .568 | -.319 | 350 | 202 | -.305 | .134 | .105 | -.871 |
| 340 | 923 | -.104 | .058 | .195 | -.393 | 350 | 131 | .190 | .127 | .671 | -.127 | 350 | 203 | -.404 | .144 | .161 | -1.238 |
| 340 | 924 | -.036 | .066 | .333 | -.292 | 350 | 132 | .135 | .133 | .673 | -.263 | 350 | 204 | -.404 | .118 | -.125 | -1.166 |
| 340 | 925 | .014 | .077 | .324 | -.281 | 350 | 133 | -.185 | .085 | .244 | -.587 | 350 | 205 | -.349 | .086 | -.118 | -.791 |
| 340 | 926 | -.315 | .093 | -.099 | -.740 | 350 | 134 | -.044 | .064 | .263 | -.258 | 350 | 206 | -.328 | .085 | -.105 | -.924 |
| 340 | 927 | -.313 | .089 | -.107 | -.857 | 350 | 135 | .071 | .058 | .342 | -.082 | 350 | 207 | -.384 | .169 | .108 | -1.310 |
| 340 | 928 | -.287 | .080 | -.064 | -.773 | 350 | 136 | .092 | .064 | .363 | -.098 | 350 | 208 | -.366 | .140 | .058 | -1.080 |
| 340 | 929 | -.343 | .072 | -.141 | -.605 | 350 | 137 | .069 | .086 | .434 | -.160 | 350 | 209 | -.377 | .132 | .026 | -1.081 |
| 340 | 930 | -.380 | .090 | -.063 | -.787 | 350 | 138 | .051 | .092 | .411 | -.241 | 350 | 210 | -.358 | .106 | -.117 | -1.136 |
| 340 | 931 | -.206 | .106 | .352 | -.616 | 350 | 139 | -.034 | .039 | .131 | -.187 | 350 | 211 | -.349 | .088 | -.139 | -.882 |
| 340 | 932 | -.338 | .072 | -.144 | -.597 | 350 | 140 | -.042 | .042 | .132 | -.212 | 350 | 212 | -.345 | .090 | -.134 | -.979 |
| 340 | 933 | -.207 | .097 | .296 | -.555 | 350 | 141 | -.045 | .051 | .133 | -.253 | 350 | 213 | -.412 | .187 | .014 | -1.230 |
| 340 | 934 | -.352 | .076 | -.118 | -.740 | 350 | 142 | .004 | .041 | .151 | -.168 | 350 | 214 | -.386 | .165 | .068 | -1.345 |
| 340 | 935 | -.383 | .089 | -.107 | -.973 | 350 | 143 | .078 | .046 | .265 | -.078 | 350 | 215 | -.363 | .136 | .067 | -1.250 |
| 340 | 936 | -.289 | .091 | .124 | -.724 | 350 | 144 | .077 | .046 | .320 | -.060 | 350 | 216 | -.350 | .116 | -.022 | -1.063 |
| 340 | 937 | -.355 | .079 | -.113 | -.694 | 350 | 145 | .042 | .038 | .197 | -.082 | 350 | 217 | -.316 | .096 | -.094 | -1.086 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 350 | 218 | -.298 | .108 | -.032 | -1.624 | 350 | 268 | -.184 | .091 | .076 | -.600 | 350 | 339 | -.294 | .102 | -.029 | -.789 |
| 350 | 219 | -.427 | .196 | .091 | -1.466 | 350 | 269 | -.092 | .056 | .100 | -.348 | 350 | 340 | -.277 | .096 | -.012 | -.705 |
| 350 | 220 | -.411 | .180 | .122 | -1.290 | 350 | 270 | -.082 | .048 | .064 | -.348 | 350 | 341 | -.277 | .098 | -.021 | -.684 |
| 350 | 221 | -.379 | .143 | .090 | -1.022 | 350 | 271 | -.101 | .042 | .054 | -.309 | 350 | 342 | -.285 | .100 | -.024 | -.712 |
| 350 | 222 | -.362 | .146 | -.020 | -1.271 | 350 | 272 | -.115 | .038 | .026 | -.256 | 350 | 343 | -.281 | .097 | -.014 | -.734 |
| 350 | 223 | -.356 | .134 | -.062 | -1.320 | 350 | 273 | -.153 | .054 | .002 | -.403 | 350 | 344 | -.286 | .099 | -.046 | -.729 |
| 350 | 224 | -.353 | .130 | -.079 | -1.255 | 350 | 274 | -.255 | .094 | -.007 | -.708 | 350 | 345 | -.270 | .100 | -.043 | -.750 |
| 350 | 225 | -.360 | .164 | .007 | -1.345 | 350 | 275 | -.076 | .051 | .103 | -.309 | 350 | 346 | -.274 | .101 | -.047 | -.800 |
| 350 | 226 | -.334 | .141 | .056 | -1.091 | 350 | 276 | -.071 | .042 | .076 | -.270 | 350 | 347 | -.128 | .072 | .076 | -.579 |
| 350 | 227 | -.384 | .143 | .050 | -1.098 | 350 | 277 | -.076 | .034 | .079 | -.202 | 350 | 348 | -.160 | .081 | .040 | -.574 |
| 350 | 228 | -.420 | .150 | -.007 | -1.363 | 350 | 278 | -.079 | .034 | .079 | -.219 | 350 | 349 | -.184 | .066 | -.023 | -.517 |
| 350 | 229 | -.401 | .144 | -.106 | -1.350 | 350 | 279 | -.111 | .045 | .063 | -.330 | 350 | 350 | -.223 | .059 | -.041 | -.466 |
| 350 | 230 | -.404 | .149 | -.084 | -1.354 | 350 | 280 | -.200 | .075 | .009 | -.540 | 350 | 351 | -.244 | .076 | -.044 | -.518 |
| 350 | 231 | -.324 | .125 | -.024 | -.990 | 350 | 301 | -.180 | .066 | .034 | -.609 | 350 | 352 | -.253 | .083 | -.014 | -.553 |
| 350 | 232 | -.307 | .132 | .032 | -.837 | 350 | 302 | -.206 | .071 | .055 | -.627 | 350 | 353 | -.158 | .083 | .056 | -.607 |
| 350 | 233 | -.278 | .098 | -.059 | -.761 | 350 | 303 | -.214 | .074 | .075 | -.677 | 350 | 354 | -.178 | .088 | .036 | -.684 |
| 350 | 234 | -.242 | .099 | -.003 | -.644 | 350 | 304 | -.250 | .071 | -.022 | -.538 | 350 | 355 | -.233 | .114 | -.012 | -.817 |
| 350 | 235 | -.297 | .138 | .060 | -.882 | 350 | 305 | -.271 | .092 | .088 | -.772 | 350 | 356 | -.253 | .126 | -.044 | -.917 |
| 350 | 236 | -.407 | .167 | -.022 | -1.188 | 350 | 306 | -.284 | .101 | .071 | -.777 | 350 | 357 | -.166 | .079 | -.001 | -.596 |
| 350 | 237 | -.460 | .174 | -.089 | -1.449 | 350 | 307 | -.204 | .068 | .011 | -.662 | 350 | 358 | -.187 | .063 | -.026 | -.496 |
| 350 | 238 | -.421 | .157 | -.100 | -1.148 | 350 | 308 | -.209 | .069 | .022 | -.680 | 350 | 359 | -.248 | .084 | -.031 | -.686 |
| 350 | 239 | -.225 | .074 | -.010 | -.558 | 350 | 309 | -.190 | .068 | .015 | -.698 | 350 | 360 | -.265 | .093 | -.030 | -.731 |
| 350 | 240 | -.204 | .068 | -.041 | -.537 | 350 | 310 | -.243 | .071 | -.008 | -.509 | 350 | 361 | -.297 | .130 | -.026 | -.900 |
| 350 | 241 | -.234 | .076 | -.056 | -.535 | 350 | 311 | -.263 | .083 | -.005 | -.624 | 350 | 362 | -.333 | .154 | -.061 | -1.073 |
| 350 | 242 | -.159 | .061 | .044 | -.427 | 350 | 312 | -.295 | .093 | -.043 | -.719 | 350 | 363 | -.217 | .077 | .021 | -.617 |
| 350 | 243 | -.113 | .059 | .108 | -.404 | 350 | 313 | -.212 | .063 | -.010 | -.507 | 350 | 364 | -.264 | .086 | -.075 | -.800 |
| 350 | 244 | -.081 | .075 | .230 | -.473 | 350 | 314 | -.212 | .063 | -.024 | -.552 | 350 | 365 | -.229 | .074 | -.042 | -.613 |
| 350 | 245 | -.185 | .091 | .040 | -.768 | 350 | 315 | -.210 | .057 | -.036 | -.462 | 350 | 366 | -.231 | .072 | -.038 | -.525 |
| 350 | 246 | -.216 | .105 | .032 | -.775 | 350 | 316 | -.211 | .051 | -.040 | -.436 | 350 | 367 | -.255 | .081 | -.040 | -.612 |
| 350 | 247 | .031 | .058 | .401 | -.115 | 350 | 317 | -.246 | .067 | -.041 | -.550 | 350 | 368 | -.241 | .079 | -.017 | -.676 |
| 350 | 248 | -.032 | .074 | .239 | -.487 | 350 | 318 | -.295 | .098 | -.032 | -.780 | 350 | 369 | -.260 | .083 | -.039 | -.618 |
| 350 | 249 | -.079 | .074 | .137 | -.676 | 350 | 319 | -.230 | .078 | .007 | -.560 | 350 | 370 | -.196 | .079 | .037 | -.561 |
| 350 | 250 | -.284 | .094 | .008 | -.630 | 350 | 320 | -.234 | .080 | .004 | -.593 | 350 | 371 | -.250 | .099 | -.052 | -.748 |
| 350 | 251 | -.266 | .099 | .022 | -.700 | 350 | 321 | -.240 | .082 | -.038 | -.591 | 350 | 372 | -.178 | .082 | .148 | -.545 |
| 350 | 252 | -.281 | .097 | .001 | -.687 | 350 | 322 | -.219 | .059 | -.043 | -.469 | 350 | 373 | -.212 | .088 | -.004 | -.715 |
| 350 | 253 | -.326 | .111 | -.061 | -.740 | 350 | 323 | -.254 | .079 | -.043 | -.648 | 350 | 374 | -.090 | .054 | .049 | -.361 |
| 350 | 254 | -.256 | .093 | -.001 | -.663 | 350 | 324 | -.303 | .114 | .021 | -.799 | 350 | 375 | -.100 | .057 | .050 | -.365 |
| 350 | 255 | -.287 | .102 | -.026 | -.697 | 350 | 325 | -.247 | .090 | -.002 | -.672 | 350 | 376 | -.124 | .054 | .021 | -.424 |
| 350 | 256 | -.285 | .097 | -.049 | -.721 | 350 | 326 | -.263 | .095 | -.010 | -.677 | 350 | 377 | -.184 | .066 | -.030 | -.604 |
| 350 | 257 | -.276 | .087 | -.029 | -.641 | 350 | 327 | -.322 | .123 | -.003 | -.823 | 350 | 378 | -.216 | .093 | -.045 | -.945 |
| 350 | 258 | -.306 | .105 | -.047 | -.850 | 350 | 328 | -.348 | .143 | -.027 | -.955 | 350 | 379 | -.207 | .089 | -.020 | -.686 |
| 350 | 259 | -.261 | .099 | -.057 | -.658 | 350 | 329 | -.340 | .133 | -.029 | -.870 | 350 | 380 | -.096 | .048 | .115 | -.377 |
| 350 | 260 | -.265 | .107 | .033 | -.684 | 350 | 330 | -.364 | .154 | -.040 | -.993 | 350 | 381 | -.100 | .048 | .100 | -.376 |
| 350 | 261 | -.269 | .107 | -.056 | -.748 | 350 | 331 | -.272 | .079 | -.069 | -.593 | 350 | 382 | -.098 | .047 | .038 | -.341 |
| 350 | 262 | -.255 | .097 | .057 | -.653 | 350 | 332 | -.269 | .076 | -.072 | -.528 | 350 | 383 | -.094 | .053 | .067 | -.368 |
| 350 | 263 | -.251 | .090 | .028 | -.594 | 350 | 333 | -.274 | .094 | .040 | -.581 | 350 | 384 | -.114 | .057 | .022 | -.496 |
| 350 | 264 | -.247 | .087 | -.043 | -.576 | 350 | 334 | -.295 | .108 | .044 | -.757 | 350 | 385 | -.123 | .050 | 0.000 | -.471 |
| 350 | 265 | -.242 | .120 | .107 | -.902 | 350 | 336 | -.276 | .092 | -.017 | -.612 | 350 | 386 | -.177 | .083 | .019 | -.929 |
| 350 | 266 | -.225 | .092 | -.019 | -.669 | 350 | 337 | -.286 | .097 | -.043 | -.634 | 350 | 387 | -.181 | .087 | .051 | -.600 |
| 350 | 267 | -.172 | .120 | .214 | -.705 | 350 | 338 | -.272 | .093 | -.036 | -.554 | 350 | 388 | -.104 | .054 | .012 | -.477 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 350 | 389 | -.109 | .056 | .014 | -.488 | 350 | 531 | -.277 | .212 | .353 | -1.191 | 350 | 581 | -.090 | .047 | .057 | -.395 |
| 350 | 390 | -.118 | .062 | -.011 | -.541 | 350 | 532 | -.262 | .160 | .135 | -.909 | 350 | 582 | -.093 | .049 | .094 | -.391 |
| 350 | 391 | -.113 | .052 | .011 | -.411 | 350 | 533 | -.142 | .068 | .100 | -.496 | 350 | 583 | -.087 | .045 | .043 | -.363 |
| 350 | 392 | -.158 | .075 | .017 | -.529 | 350 | 534 | -.210 | .074 | .022 | -.471 | 350 | 584 | -.082 | .047 | .059 | -.317 |
| 350 | 393 | -.174 | .089 | .057 | -.662 | 350 | 535 | -.237 | .081 | -.013 | -.552 | 350 | 585 | -.212 | .082 | .003 | -.653 |
| 350 | 394 | -.119 | .063 | .034 | -.552 | 350 | 536 | -.208 | .174 | .247 | -.923 | 350 | 586 | -.181 | .071 | .007 | -.634 |
| 350 | 395 | -.103 | .066 | .032 | -.539 | 350 | 537 | -.226 | .237 | .441 | -1.213 | 350 | 587 | -.068 | .042 | .067 | -.363 |
| 350 | 396 | -.118 | .067 | .005 | -.550 | 350 | 538 | -.031 | .136 | .557 | -.627 | 350 | 588 | -.051 | .032 | .049 | -.193 |
| 350 | 397 | -.091 | .060 | .055 | -.459 | 350 | 539 | -.048 | .150 | .487 | -.633 | 350 | 589 | -.073 | .040 | .054 | -.349 |
| 350 | 398 | -.120 | .066 | .036 | -.574 | 350 | 540 | -.050 | .114 | .291 | -.612 | 350 | 590 | -.085 | .047 | .060 | -.482 |
| 350 | 399 | -.091 | .043 | .039 | -.336 | 350 | 541 | -.061 | .122 | .301 | -.593 | 350 | 591 | -.119 | .085 | .122 | -.480 |
| 350 | 400 | -.094 | .053 | .048 | -.422 | 350 | 542 | -.061 | .121 | .322 | -.577 | 350 | 592 | -.075 | .066 | .162 | -.423 |
| 350 | 401 | -.101 | .059 | .062 | -.382 | 350 | 543 | -.043 | .052 | .221 | -.420 | 350 | 593 | -.019 | .039 | .170 | -.161 |
| 350 | 402 | -.098 | .059 | .074 | -.437 | 350 | 544 | -.045 | .058 | .233 | -.334 | 350 | 594 | -.025 | .032 | .111 | -.133 |
| 350 | 403 | -.102 | .062 | .039 | -.507 | 350 | 545 | .002 | .050 | .147 | -.304 | 350 | 595 | -.051 | .035 | .070 | -.249 |
| 350 | 404 | -.108 | .065 | .065 | -.636 | 350 | 546 | .025 | .052 | .231 | -.237 | 350 | 596 | -.069 | .042 | .031 | -.352 |
| 350 | 405 | -.085 | .049 | .107 | -.331 | 350 | 547 | .045 | .092 | .391 | -.423 | 350 | 597 | -.127 | .072 | -.008 | -.763 |
| 350 | 406 | -.082 | .051 | .135 | -.463 | 350 | 548 | .056 | .075 | .440 | -.334 | 350 | 598 | -.135 | .081 | -.010 | -.855 |
| 350 | 407 | -.081 | .062 | .067 | -.415 | 350 | 549 | -.711 | .240 | -.072 | -1.671 | 350 | 599 | -.110 | .068 | .042 | -.736 |
| 350 | 408 | -.090 | .063 | .053 | -.432 | 350 | 550 | -.408 | .189 | .036 | -1.488 | 350 | 600 | -.119 | .082 | .043 | -.816 |
| 350 | 501 | -.973 | .310 | -.282 | -2.123 | 350 | 551 | -.198 | .088 | .040 | -.573 | 350 | 701 | -.139 | .080 | .125 | -.511 |
| 350 | 502 | -.642 | .176 | -.185 | -1.235 | 350 | 552 | -.157 | .058 | .040 | -.622 | 350 | 702 | -.377 | .101 | -.037 | -.983 |
| 350 | 503 | -.383 | .126 | -.081 | -.855 | 350 | 553 | -.141 | .056 | .024 | -.412 | 350 | 703 | -.322 | .116 | -.020 | -1.048 |
| 350 | 504 | -.254 | .082 | -.030 | -.748 | 350 | 554 | -.149 | .062 | .036 | -.458 | 350 | 704 | -.479 | .200 | -.096 | -1.600 |
| 350 | 505 | -.155 | .063 | .084 | -.499 | 350 | 555 | -.132 | .059 | .035 | -.425 | 350 | 705 | -.476 | .190 | .061 | -1.487 |
| 350 | 506 | -.177 | .061 | .065 | -.668 | 350 | 556 | -.148 | .069 | .032 | -.465 | 350 | 706 | -.087 | .082 | .130 | -.651 |
| 350 | 507 | -.921 | .253 | -.254 | -1.897 | 350 | 557 | -.465 | .142 | .043 | -1.030 | 350 | 707 | -.915 | .328 | .108 | -2.076 |
| 350 | 508 | -.909 | .266 | .119 | -1.694 | 350 | 558 | -.395 | .137 | .181 | -.963 | 350 | 708 | -.751 | .253 | .015 | -1.764 |
| 350 | 509 | -.334 | .125 | -.045 | -.931 | 350 | 559 | -.142 | .075 | .061 | -.523 | 350 | 709 | -.516 | .302 | .215 | -1.684 |
| 350 | 510 | -.221 | .081 | -.050 | -.724 | 350 | 560 | -.107 | .045 | .054 | -.308 | 350 | 710 | -.044 | .122 | .365 | -.480 |
| 350 | 511 | -.136 | .056 | .085 | -.490 | 350 | 561 | -.150 | .058 | .034 | -.429 | 350 | 711 | .025 | .089 | .333 | -.381 |
| 350 | 512 | -.162 | .060 | .061 | -.438 | 350 | 562 | -.172 | .075 | .015 | -.549 | 350 | 712 | -.436 | .183 | .144 | -1.225 |
| 350 | 513 | -.708 | .193 | -.011 | -1.588 | 350 | 563 | -.237 | .108 | .051 | -.743 | 350 | 713 | -.212 | .106 | .284 | -.694 |
| 350 | 514 | -.681 | .171 | -.235 | -1.538 | 350 | 564 | -.190 | .107 | .206 | -.709 | 350 | 714 | .029 | .059 | .380 | -.243 |
| 350 | 515 | -.516 | .245 | .115 | -1.261 | 350 | 565 | -.159 | .114 | .224 | -.641 | 350 | 715 | -.318 | .154 | .084 | -.948 |
| 350 | 516 | -.249 | .156 | .098 | -.931 | 350 | 566 | -.081 | .077 | .193 | -.545 | 350 | 716 | -.107 | .080 | .125 | -.464 |
| 350 | 517 | -.180 | .077 | .031 | -.585 | 350 | 567 | -.075 | .046 | .148 | -.251 | 350 | 717 | -.214 | .070 | .049 | -.540 |
| 350 | 518 | -.202 | .074 | .040 | -.653 | 350 | 568 | -.134 | .056 | .032 | -.406 | 350 | 718 | -.226 | .077 | -.023 | -.697 |
| 350 | 519 | -.708 | .243 | .142 | -2.062 | 350 | 569 | -.188 | .077 | .003 | -.687 | 350 | 719 | -.301 | .116 | -.008 | -.770 |
| 350 | 520 | -.670 | .229 | .103 | -1.780 | 350 | 570 | -.132 | .080 | .195 | -.497 | 350 | 720 | -.157 | .077 | .042 | -.578 |
| 350 | 521 | -.388 | .218 | .013 | -1.270 | 350 | 571 | .082 | .118 | .557 | -.221 | 350 | 721 | -.267 | .122 | -.026 | -1.110 |
| 350 | 522 | -.210 | .127 | .047 | -1.104 | 350 | 572 | -.018 | .048 | .212 | -.341 | 350 | 722 | -.098 | .047 | .059 | -.345 |
| 350 | 523 | -.189 | .073 | .041 | -.637 | 350 | 573 | .010 | .057 | .276 | -.269 | 350 | 723 | -.085 | .049 | .060 | -.352 |
| 350 | 524 | -.197 | .073 | .051 | -.556 | 350 | 574 | -.000 | .047 | .200 | -.265 | 350 | 724 | -.114 | .067 | .041 | -.669 |
| 350 | 525 | -.194 | .069 | .001 | -.578 | 350 | 575 | .013 | .047 | .243 | -.202 | 350 | 725 | -.356 | .141 | -.029 | -1.069 |
| 350 | 526 | -.220 | .079 | -.013 | -.573 | 350 | 576 | .043 | .063 | .286 | -.178 | 350 | 726 | -.402 | .180 | .007 | -1.304 |
| 350 | 527 | -.209 | .070 | -.010 | -.552 | 350 | 577 | -.499 | .204 | -.001 | -1.382 | 350 | 727 | -.344 | .139 | -.041 | -1.021 |
| 350 | 528 | -.236 | .082 | -.023 | -.580 | 350 | 578 | -.271 | .127 | .048 | -.779 | 350 | 728 | -.300 | .100 | -.062 | -.862 |
| 350 | 529 | -.393 | .206 | .224 | -1.344 | 350 | 579 | -.175 | .093 | .060 | -.634 | 350 | 729 | -.274 | .097 | -.050 | -.782 |
| 350 | 530 | -.359 | .222 | .223 | -1.356 | 350 | 580 | -.110 | .052 | .083 | -.459 | 350 | 730 | -.307 | .109 | -.023 | -.727 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 350 | 731 | -.264 | .100 | -.033 | -.727 | 350 | 911 | -.117 | .133 | .300 | -.674 | 350 | 927 | -.263 | .081 | -.060 | -.653 |
| 350 | 732 | -.244 | .106 | .065 | -.762 | 350 | 912 | -.119 | .140 | .305 | -.600 | 350 | 928 | -.242 | .076 | -.024 | -.588 |
| 350 | 733 | -.230 | .098 | -.013 | -.644 | 350 | 913 | -.064 | .049 | .103 | -.253 | 350 | 929 | -.394 | .081 | -.158 | -.788 |
| 350 | 734 | -.157 | .079 | .095 | -.552 | 350 | 914 | -.059 | .047 | .140 | -.300 | 350 | 930 | -.441 | .105 | -.175 | -.964 |
| 350 | 735 | -.125 | .070 | .022 | -.670 | 350 | 915 | -.014 | .052 | .226 | -.253 | 350 | 931 | -.277 | .133 | .573 | -.705 |
| 350 | 736 | -.077 | .062 | .060 | -.350 | 350 | 916 | .001 | .059 | .310 | -.259 | 350 | 932 | -.392 | .080 | -.153 | -.769 |
| 350 | 901 | -.118 | .060 | .013 | -.524 | 350 | 917 | -.246 | .097 | -.047 | -.691 | 350 | 933 | -.274 | .112 | .441 | -.741 |
| 350 | 902 | -.123 | .063 | .004 | -.481 | 350 | 918 | -.213 | .071 | -.037 | -.536 | 350 | 934 | -.426 | .089 | -.147 | -.749 |
| 350 | 903 | -.145 | .069 | .009 | -.743 | 350 | 919 | -.204 | .067 | -.027 | -.515 | 350 | 935 | -.467 | .110 | -.115 | -.970 |
| 350 | 904 | -.112 | .054 | .024 | -.575 | 350 | 920 | -.369 | .209 | .209 | -1.449 | 350 | 936 | -.340 | .105 | .028 | -.725 |
| 350 | 905 | -.183 | .071 | .040 | -.510 | 350 | 921 | -.390 | .197 | .265 | -1.309 | 350 | 937 | -.408 | .081 | -.177 | -.736 |
| 350 | 906 | -.085 | .058 | .097 | -.422 | 350 | 922 | -.143 | .074 | .040 | -.689 | 350 | 938 | -.457 | .103 | -.125 | -.883 |
| 350 | 907 | -.156 | .071 | .047 | -.574 | 350 | 923 | -.120 | .055 | .097 | -.493 | 350 | 939 | -.337 | .104 | .090 | -.703 |
| 350 | 908 | -.106 | .055 | .064 | -.389 | 350 | 924 | -.064 | .057 | .103 | -.395 | 350 | 940 | -.412 | .087 | -.163 | -.814 |
| 350 | 909 | -.167 | .097 | .157 | -.573 | 350 | 925 | -.016 | .067 | .261 | -.281 | 350 | 941 | -.434 | .111 | -.104 | -.854 |
| 350 | 910 | -.187 | .111 | .162 | -.727 | 350 | 926 | -.281 | .094 | -.063 | -.718 | 350 | 942 | -.332 | .120 | .064 | -.768 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 101 | .137 | .098 | .492 | -.243 | 0 | 151 | .165 | .073 | .475 | -.025 | 0 | 223 | -.607 | .220 | -.101 | -1.638 |
| 0 | 102 | .277 | .101 | .611 | -.104 | 0 | 152 | .109 | .058 | .360 | -.042 | 0 | 224 | -.625 | .242 | -.113 | -2.066 |
| 0 | 103 | .331 | .100 | .613 | -.006 | 0 | 153 | .059 | .072 | .470 | -.151 | 0 | 225 | -.245 | .129 | .097 | -1.170 |
| 0 | 104 | .304 | .107 | .630 | -.036 | 0 | 154 | .064 | .082 | .386 | -.151 | 0 | 226 | -.228 | .114 | .041 | -.697 |
| 0 | 105 | .259 | .094 | .573 | -.150 | 0 | 155 | .031 | .060 | .431 | -.133 | 0 | 227 | -.317 | .168 | .071 | -1.051 |
| 0 | 106 | .068 | .101 | .425 | -.417 | 0 | 156 | .048 | .063 | .538 | -.148 | 0 | 228 | -.527 | .217 | .050 | -1.435 |
| 0 | 107 | .136 | .106 | .539 | -.285 | 0 | 157 | -.293 | .234 | .602 | -1.088 | 0 | 229 | -.640 | .232 | -.137 | -1.583 |
| 0 | 108 | .343 | .114 | .687 | -.129 | 0 | 158 | -.114 | .306 | .702 | -.865 | 0 | 230 | -.644 | .224 | -.120 | -1.588 |
| 0 | 109 | .488 | .123 | .872 | -.053 | 0 | 159 | .036 | .255 | .758 | -.717 | 0 | 231 | -.223 | .085 | -.015 | -.752 |
| 0 | 110 | .471 | .118 | .906 | -.015 | 0 | 160 | -.286 | .141 | .210 | -.791 | 0 | 232 | -.206 | .087 | .015 | -.683 |
| 0 | 111 | .333 | .111 | .735 | -.065 | 0 | 161 | -.139 | .163 | .403 | -.798 | 0 | 233 | -.233 | .076 | -.040 | -.564 |
| 0 | 112 | .030 | .110 | .346 | -.430 | 0 | 162 | -.190 | .114 | .292 | -.612 | 0 | 234 | -.180 | .071 | .010 | -.609 |
| 0 | 113 | .084 | .104 | .481 | -.287 | 0 | 163 | -.201 | .139 | .220 | -.823 | 0 | 235 | -.156 | .091 | .057 | -.647 |
| 0 | 114 | .333 | .117 | .775 | -.036 | 0 | 164 | -.034 | .133 | .489 | -.508 | 0 | 236 | -.270 | .166 | .014 | -1.114 |
| 0 | 115 | .572 | .145 | .949 | .140 | 0 | 165 | -.092 | .065 | .198 | -.342 | 0 | 237 | -.513 | .209 | .005 | -1.635 |
| 0 | 116 | .544 | .146 | .955 | .092 | 0 | 166 | -.009 | .079 | .289 | -.293 | 0 | 238 | -.496 | .184 | -.049 | -1.257 |
| 0 | 117 | .290 | .118 | .618 | -.110 | 0 | 167 | -.017 | .046 | .142 | -.208 | 0 | 239 | -.193 | .063 | -.060 | -.466 |
| 0 | 118 | .087 | .104 | .432 | -.342 | 0 | 168 | -.000 | .052 | .243 | -.231 | 0 | 240 | -.169 | .052 | -.050 | -.439 |
| 0 | 119 | .047 | .115 | .409 | -.407 | 0 | 169 | .098 | .085 | .491 | -.117 | 0 | 241 | -.190 | .066 | -.049 | -.472 |
| 0 | 120 | .246 | .127 | .659 | -.198 | 0 | 170 | .016 | .098 | .355 | -.420 | 0 | 242 | -.146 | .054 | -.016 | -.394 |
| 0 | 121 | .472 | .150 | .934 | .068 | 0 | 171 | .165 | .144 | .740 | -.530 | 0 | 243 | -.067 | .039 | .085 | -.213 |
| 0 | 122 | .435 | .149 | .879 | .058 | 0 | 172 | .139 | .119 | .646 | -.319 | 0 | 244 | -.012 | .054 | .168 | -.276 |
| 0 | 123 | .189 | .121 | .570 | -.222 | 0 | 173 | -.036 | .045 | .128 | -.217 | 0 | 245 | -.089 | .061 | .099 | -.469 |
| 0 | 124 | -.044 | .116 | .305 | -.547 | 0 | 174 | .026 | .071 | .333 | -.233 | 0 | 246 | -.144 | .077 | .048 | -.562 |
| 0 | 125 | -.062 | .114 | .355 | -.575 | 0 | 175 | -.001 | .037 | .135 | -.148 | 0 | 247 | .060 | .055 | .317 | -.091 |
| 0 | 126 | .149 | .119 | .591 | -.201 | 0 | 176 | -.004 | .051 | .195 | -.194 | 0 | 248 | .010 | .053 | .218 | -.262 |
| 0 | 127 | .328 | .144 | .813 | -.018 | 0 | 177 | .038 | .050 | .281 | -.103 | 0 | 249 | .004 | .052 | .194 | -.299 |
| 0 | 128 | .328 | .136 | .737 | .016 | 0 | 178 | .102 | .065 | .380 | -.066 | 0 | 250 | -.258 | .107 | .020 | -.737 |
| 0 | 129 | .125 | .102 | .515 | -.116 | 0 | 201 | -.270 | .107 | .088 | -.780 | 0 | 251 | -.226 | .090 | .004 | -.797 |
| 0 | 130 | -.078 | .103 | .311 | -.455 | 0 | 202 | -.272 | .108 | .127 | -.768 | 0 | 252 | -.221 | .085 | .047 | -.736 |
| 0 | 131 | .075 | .082 | .449 | -.136 | 0 | 203 | -.393 | .149 | .095 | -1.168 | 0 | 253 | -.279 | .113 | -.031 | -1.026 |
| 0 | 132 | -.027 | .080 | .379 | -.269 | 0 | 204 | -.585 | .139 | -.146 | -1.183 | 0 | 254 | -.235 | .083 | -.016 | -.678 |
| 0 | 133 | -.109 | .099 | .293 | -.402 | 0 | 205 | -.661 | .185 | -.197 | -1.202 | 0 | 255 | -.278 | .097 | -.031 | -.853 |
| 0 | 134 | .039 | .087 | .439 | -.213 | 0 | 206 | -.760 | .306 | -.167 | -1.779 | 0 | 256 | -.252 | .086 | -.087 | -.650 |
| 0 | 135 | .117 | .075 | .475 | -.073 | 0 | 207 | -.247 | .115 | .090 | -.955 | 0 | 257 | -.272 | .085 | -.077 | -.670 |
| 0 | 136 | .101 | .066 | .360 | -.054 | 0 | 208 | -.256 | .111 | .166 | -.749 | 0 | 258 | -.273 | .095 | -.059 | -.757 |
| 0 | 137 | .015 | .060 | .272 | -.131 | 0 | 209 | -.371 | .140 | .026 | -.981 | 0 | 259 | -.235 | .086 | -.062 | -.693 |
| 0 | 138 | -.040 | .064 | .266 | -.243 | 0 | 210 | -.550 | .143 | -.094 | -1.112 | 0 | 260 | -.247 | .103 | -.058 | -.695 |
| 0 | 139 | -.037 | .036 | .104 | -.153 | 0 | 211 | -.746 | .274 | -.141 | -1.712 | 0 | 261 | -.265 | .105 | -.078 | -.792 |
| 0 | 140 | -.067 | .046 | .087 | -.279 | 0 | 212 | -.803 | .320 | -.149 | -2.162 | 0 | 262 | -.284 | .116 | -.026 | -.877 |
| 0 | 141 | -.005 | .046 | .187 | -.186 | 0 | 213 | -.349 | .196 | .106 | -1.238 | 0 | 263 | -.292 | .111 | -.038 | -.942 |
| 0 | 142 | .023 | .043 | .192 | -.097 | 0 | 214 | -.321 | .175 | .083 | -1.008 | 0 | 264 | -.236 | .101 | -.058 | -.788 |
| 0 | 143 | .086 | .049 | .255 | -.042 | 0 | 215 | -.440 | .189 | .136 | -1.258 | 0 | 265 | -.246 | .108 | -.032 | -.865 |
| 0 | 144 | .093 | .049 | .270 | -.029 | 0 | 216 | -.586 | .183 | -.022 | -1.296 | 0 | 266 | -.239 | .094 | -.058 | -.804 |
| 0 | 145 | .037 | .037 | .175 | -.089 | 0 | 217 | -.566 | .178 | -.099 | -1.762 | 0 | 267 | -.196 | .103 | .270 | -.785 |
| 0 | 146 | .009 | .039 | .152 | -.142 | 0 | 218 | -.520 | .172 | -.082 | -1.164 | 0 | 268 | -.198 | .088 | .005 | -.621 |
| 0 | 147 | .080 | .053 | .306 | -.089 | 0 | 219 | -.303 | .184 | .126 | -1.249 | 0 | 269 | -.080 | .041 | .017 | -.334 |
| 0 | 148 | .134 | .063 | .400 | -.030 | 0 | 220 | -.298 | .180 | .155 | -1.134 | 0 | 270 | -.077 | .036 | .030 | -.283 |
| 0 | 149 | .232 | .092 | .587 | .020 | 0 | 221 | -.418 | .190 | .191 | -1.198 | 0 | 271 | -.102 | .032 | -.006 | -.256 |
| 0 | 150 | .231 | .089 | .595 | .006 | 0 | 222 | -.567 | .204 | -.006 | -1.647 | 0 | 272 | -.100 | .037 | .033 | -.254 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 273 | -.142 | .052 | .007 | -.427 | 0 | 344 | -.270 | .099 | -.075 | -.756 | 0 | 394 | -.112 | .049 | .008 | -.390 |
| 0 | 274 | -.222 | .080 | .015 | -.574 | 0 | 345 | -.264 | .101 | -.070 | -.789 | 0 | 395 | -.108 | .050 | .011 | -.568 |
| 0 | 275 | -.089 | .036 | .047 | -.244 | 0 | 346 | -.274 | .103 | -.081 | -.785 | 0 | 396 | -.107 | .047 | .010 | -.373 |
| 0 | 276 | -.062 | .029 | .033 | -.182 | 0 | 347 | -.216 | .109 | .015 | -.781 | 0 | 397 | -.098 | .045 | .039 | -.383 |
| 0 | 277 | -.069 | .028 | .041 | -.174 | 0 | 348 | -.238 | .116 | -.002 | -.758 | 0 | 398 | -.105 | .038 | -.013 | -.282 |
| 0 | 278 | -.070 | .030 | .042 | -.186 | 0 | 349 | -.215 | .086 | -.040 | -.640 | 0 | 399 | -.088 | .038 | .014 | -.326 |
| 0 | 279 | -.122 | .041 | .011 | -.297 | 0 | 350 | -.209 | .069 | -.060 | -.527 | 0 | 400 | -.097 | .056 | .018 | -.491 |
| 0 | 280 | -.157 | .065 | .012 | -.472 | 0 | 351 | -.232 | .087 | -.058 | -.763 | 0 | 401 | -.097 | .056 | .025 | -.465 |
| 0 | 301 | -.282 | .112 | -.004 | -1.052 | 0 | 352 | -.238 | .093 | -.038 | -.768 | 0 | 402 | -.093 | .049 | .018 | -.364 |
| 0 | 302 | -.283 | .116 | .078 | -1.027 | 0 | 353 | -.223 | .099 | -.000 | -.731 | 0 | 403 | -.093 | .045 | .081 | -.384 |
| 0 | 303 | -.290 | .098 | .028 | -.710 | 0 | 354 | -.226 | .101 | -.001 | -.836 | 0 | 404 | -.089 | .044 | .055 | -.325 |
| 0 | 304 | -.244 | .087 | .005 | -.683 | 0 | 355 | -.258 | .110 | -.044 | -.836 | 0 | 405 | -.080 | .038 | .032 | -.351 |
| 0 | 305 | -.250 | .101 | .109 | -.778 | 0 | 356 | -.278 | .120 | -.059 | -.884 | 0 | 406 | -.091 | .049 | .018 | -.427 |
| 0 | 306 | -.260 | .101 | .076 | -.763 | 0 | 357 | -.198 | .068 | -.010 | -.506 | 0 | 407 | -.080 | .046 | .021 | -.508 |
| 0 | 307 | -.287 | .118 | .025 | -.851 | 0 | 358 | -.193 | .070 | .001 | -.593 | 0 | 408 | -.079 | .046 | .025 | -.512 |
| 0 | 308 | -.278 | .108 | .001 | -.866 | 0 | 359 | -.226 | .085 | -.046 | -.983 | 0 | 501 | -.554 | .203 | -.193 | -1.624 |
| 0 | 309 | -.249 | .087 | .003 | -.693 | 0 | 360 | -.240 | .089 | -.048 | -.865 | 0 | 502 | -.520 | .150 | -.176 | -1.139 |
| 0 | 310 | -.250 | .088 | -.022 | -.613 | 0 | 361 | -.296 | .136 | -.061 | -1.022 | 0 | 503 | -.515 | .130 | -.162 | -1.110 |
| 0 | 311 | -.250 | .094 | .003 | -.658 | 0 | 362 | -.312 | .156 | -.056 | -1.116 | 0 | 504 | -.459 | .159 | .107 | -1.169 |
| 0 | 312 | -.271 | .094 | -.018 | -.651 | 0 | 363 | -.205 | .076 | -.011 | -.567 | 0 | 505 | -.319 | .164 | .119 | -.998 |
| 0 | 313 | -.271 | .114 | .019 | -.664 | 0 | 364 | -.229 | .088 | -.069 | -.680 | 0 | 506 | -.326 | .155 | .158 | -1.050 |
| 0 | 314 | -.252 | .097 | .048 | -.710 | 0 | 365 | -.243 | .090 | -.077 | -.700 | 0 | 507 | -.553 | .220 | -.169 | -1.699 |
| 0 | 315 | -.214 | .064 | -.060 | -.503 | 0 | 366 | -.230 | .087 | -.061 | -.685 | 0 | 508 | -.538 | .220 | -.169 | -1.746 |
| 0 | 316 | -.224 | .067 | -.055 | -.540 | 0 | 367 | -.233 | .092 | -.023 | -.732 | 0 | 509 | -.501 | .135 | -.056 | -1.189 |
| 0 | 317 | -.235 | .093 | .007 | -.666 | 0 | 368 | -.239 | .094 | .006 | -.720 | 0 | 510 | -.438 | .156 | .181 | -1.264 |
| 0 | 318 | -.281 | .123 | .029 | -.788 | 0 | 369 | -.245 | .099 | -.038 | -.809 | 0 | 511 | -.318 | .151 | .098 | -.979 |
| 0 | 319 | -.274 | .122 | .014 | -.839 | 0 | 370 | -.233 | .082 | -.021 | -.545 | 0 | 512 | -.342 | .178 | .151 | -1.125 |
| 0 | 320 | -.254 | .099 | -.012 | -.763 | 0 | 371 | -.251 | .096 | -.008 | -.801 | 0 | 513 | -.483 | .182 | -.113 | -1.509 |
| 0 | 321 | -.209 | .061 | -.046 | -.576 | 0 | 372 | -.210 | .082 | .055 | -.538 | 0 | 514 | -.489 | .168 | -.135 | -1.311 |
| 0 | 322 | -.219 | .068 | -.043 | -.610 | 0 | 373 | -.234 | .088 | -.020 | -.621 | 0 | 515 | -.500 | .168 | -.049 | -1.163 |
| 0 | 323 | -.216 | .099 | .117 | -.901 | 0 | 374 | -.114 | .059 | .051 | -.459 | 0 | 516 | -.441 | .169 | .034 | -1.051 |
| 0 | 324 | -.254 | .133 | .179 | -1.059 | 0 | 375 | -.113 | .059 | .070 | -.517 | 0 | 517 | -.394 | .205 | .114 | -1.195 |
| 0 | 325 | -.264 | .121 | -.007 | -.874 | 0 | 376 | -.143 | .056 | .043 | -.505 | 0 | 518 | -.408 | .223 | .102 | -1.465 |
| 0 | 326 | -.253 | .100 | -.040 | -.840 | 0 | 377 | -.212 | .080 | -.059 | -.865 | 0 | 519 | -.512 | .206 | -.056 | -2.081 |
| 0 | 327 | -.264 | .096 | -.022 | -.630 | 0 | 378 | -.233 | .106 | -.047 | -.894 | 0 | 520 | -.520 | .205 | -.068 | -1.571 |
| 0 | 328 | -.262 | .092 | -.034 | -.642 | 0 | 379 | -.250 | .121 | -.067 | -1.101 | 0 | 521 | -.463 | .177 | .034 | -1.241 |
| 0 | 329 | -.283 | .108 | -.017 | -.775 | 0 | 380 | -.102 | .051 | .053 | -.434 | 0 | 522 | -.401 | .179 | .160 | -1.160 |
| 0 | 330 | -.288 | .101 | -.030 | -.768 | 0 | 381 | -.106 | .050 | .036 | -.387 | 0 | 523 | -.355 | .196 | .062 | -1.186 |
| 0 | 331 | -.223 | .076 | -.019 | -.498 | 0 | 382 | -.107 | .048 | -.001 | -.397 | 0 | 524 | -.378 | .223 | .084 | -1.403 |
| 0 | 332 | -.224 | .075 | -.029 | -.591 | 0 | 383 | -.107 | .051 | .039 | -.475 | 0 | 525 | -.348 | .171 | .041 | -1.176 |
| 0 | 333 | -.223 | .082 | -.021 | -.644 | 0 | 384 | -.111 | .049 | -.004 | -.515 | 0 | 526 | -.363 | .198 | .050 | -1.461 |
| 0 | 334 | -.242 | .089 | -.033 | -.768 | 0 | 385 | -.126 | .052 | .046 | -.453 | 0 | 527 | -.315 | .151 | .044 | -.981 |
| 0 | 336 | -.236 | .088 | -.039 | -.659 | 0 | 386 | -.210 | .093 | -.041 | -.776 | 0 | 528 | -.334 | .175 | .035 | -1.184 |
| 0 | 337 | -.237 | .089 | -.048 | -.688 | 0 | 387 | -.226 | .107 | -.017 | -.829 | 0 | 529 | -.455 | .186 | .058 | -1.378 |
| 0 | 338 | -.250 | .088 | -.069 | -.630 | 0 | 388 | -.111 | .053 | .003 | -.437 | 0 | 530 | -.470 | .203 | .165 | -1.477 |
| 0 | 339 | -.234 | .094 | -.043 | -.899 | 0 | 389 | -.118 | .055 | -.001 | -.463 | 0 | 531 | -.466 | .194 | .059 | -1.452 |
| 0 | 340 | -.258 | .092 | -.075 | -.739 | 0 | 390 | -.120 | .049 | -.010 | -.378 | 0 | 532 | -.394 | .184 | .111 | -1.394 |
| 0 | 341 | -.257 | .094 | -.077 | -.879 | 0 | 391 | -.106 | .041 | .046 | -.305 | 0 | 533 | -.305 | .162 | .065 | -1.023 |
| 0 | 342 | -.271 | .098 | -.074 | -1.032 | 0 | 392 | -.160 | .073 | .010 | -.706 | 0 | 534 | -.266 | .126 | .062 | -.854 |
| 0 | 343 | -.255 | .097 | -.060 | -.716 | 0 | 393 | -.179 | .084 | -.006 | -.817 | 0 | 535 | -.301 | .158 | .048 | -1.098 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|
| 0 | 536 | -.420 | .144 | -.001 | -1.078 |
| 0 | 537 | -.457 | .176 | .223 | -1.445 |
| 0 | 538 | -.292 | .135 | .102 | -.837 |
| 0 | 539 | -.286 | .128 | .192 | -.762 |
| 0 | 540 | -.218 | .108 | .111 | -.682 |
| 0 | 541 | -.240 | .121 | .111 | -.825 |
| 0 | 542 | -.241 | .118 | .116 | -.839 |
| 0 | 543 | -.105 | .082 | .111 | -.593 |
| 0 | 544 | -.105 | .077 | .137 | -.467 |
| 0 | 545 | -.045 | .059 | .109 | -.371 |
| 0 | 546 | -.033 | .051 | .133 | -.243 |
| 0 | 547 | -.027 | .072 | .197 | -.440 |
| 0 | 548 | -.007 | .072 | .251 | -.383 |
| 0 | 549 | -.772 | .243 | -.138 | -1.813 |
| 0 | 550 | -.553 | .179 | -.107 | -1.522 |
| 0 | 551 | -.388 | .147 | -.070 | -1.102 |
| 0 | 552 | -.300 | .140 | .099 | -.969 |
| 0 | 553 | -.254 | .123 | .025 | -.883 |
| 0 | 554 | -.267 | .122 | -.010 | -.762 |
| 0 | 555 | -.222 | .119 | -.000 | -.829 |
| 0 | 556 | -.233 | .119 | .046 | -.836 |
| 0 | 557 | -.520 | .159 | -.112 | -1.186 |
| 0 | 558 | -.488 | .154 | -.068 | -1.084 |
| 0 | 559 | -.276 | .116 | -.023 | -.808 |
| 0 | 560 | -.219 | .102 | -.022 | -.721 |
| 0 | 561 | -.216 | .091 | -.014 | -.697 |
| 0 | 562 | -.237 | .097 | -.038 | -.676 |
| 0 | 563 | -.286 | .121 | .025 | -.808 |
| 0 | 564 | -.234 | .103 | .046 | -.728 |
| 0 | 565 | -.271 | .133 | .047 | -.911 |
| 0 | 566 | -.169 | .096 | .090 | -.590 |
| 0 | 567 | -.132 | .060 | .119 | -.401 |
| 0 | 568 | -.171 | .062 | -.016 | -.415 |
| 0 | 569 | -.220 | .082 | -.024 | -.572 |
| 0 | 570 | -.176 | .079 | .097 | -.560 |
| 0 | 571 | -.010 | .095 | .414 | -.413 |
| 0 | 572 | -.032 | .045 | .129 | -.280 |
| 0 | 573 | -.011 | .047 | .179 | -.206 |
| 0 | 574 | -.016 | .039 | .132 | -.184 |
| 0 | 575 | -.006 | .037 | .133 | -.154 |
| 0 | 576 | .011 | .049 | .220 | -.248 |
| 0 | 577 | -.462 | .163 | -.075 | -1.109 |
| 0 | 578 | -.351 | .146 | -.049 | -.930 |
| 0 | 579 | -.197 | .080 | -.007 | -.527 |
| 0 | 580 | -.132 | .046 | -.010 | -.352 |
| 0 | 581 | -.107 | .044 | .029 | -.311 |
| 0 | 582 | -.102 | .045 | .053 | -.285 |
| 0 | 583 | -.107 | .042 | .042 | -.350 |
| 0 | 584 | -.092 | .049 | .034 | -.348 |
| 0 | 585 | -.230 | .090 | -.036 | -.915 |
| 0 | 586 | -.188 | .074 | -.003 | -.550 |
| 0 | 587 | -.096 | .044 | .037 | -.327 |
| 0 | 588 | -.093 | .032 | .014 | -.220 |
| 0 | 589 | -.094 | .034 | .022 | -.278 |
| 0 | 590 | -.094 | .038 | .018 | -.289 |
| 0 | 591 | -.156 | .074 | .058 | -.478 |
| 0 | 592 | -.109 | .059 | .067 | -.415 |
| 0 | 593 | -.045 | .028 | .148 | -.180 |
| 0 | 594 | -.111 | .030 | -.019 | -.327 |
| 0 | 595 | -.102 | .032 | -.010 | -.299 |
| 0 | 596 | -.088 | .034 | .002 | -.261 |
| 0 | 597 | -.120 | .045 | -.018 | -.321 |
| 0 | 598 | -.126 | .050 | -.020 | -.358 |
| 0 | 599 | -.089 | .043 | .006 | -.357 |
| 0 | 600 | -.101 | .054 | .016 | -.438 |
| 0 | 701 | -.164 | .078 | .096 | -.544 |
| 0 | 702 | -.608 | .225 | .176 | -1.606 |
| 0 | 703 | -.539 | .201 | -.079 | -1.435 |
| 0 | 704 | -.767 | .305 | -.084 | -2.199 |
| 0 | 705 | -.561 | .250 | -.002 | -1.737 |
| 0 | 706 | -.042 | .067 | .208 | -.423 |
| 0 | 707 | -.603 | .254 | -.150 | -2.118 |
| 0 | 708 | -.524 | .227 | -.004 | -1.725 |
| 0 | 709 | -.540 | .239 | .115 | -1.636 |
| 0 | 710 | -.229 | .119 | .221 | -.659 |
| 0 | 711 | -.036 | .066 | .200 | -.304 |
| 0 | 712 | -.506 | .175 | -.044 | -1.338 |
| 0 | 713 | -.252 | .105 | .077 | -.656 |
| 0 | 714 | .001 | .048 | .191 | -.187 |
| 0 | 715 | -.336 | .124 | .038 | -.890 |
| 0 | 716 | -.138 | .070 | .090 | -.446 |
| 0 | 717 | -.351 | .154 | .028 | -1.078 |
| 0 | 718 | -.413 | .232 | .053 | -1.391 |
| 0 | 719 | -.299 | .129 | .003 | -.933 |
| 0 | 720 | -.266 | .126 | .033 | -.954 |
| 0 | 721 | -.296 | .132 | -.051 | -.959 |
| 0 | 722 | -.104 | .053 | .053 | -.359 |
| 0 | 723 | -.102 | .047 | .035 | -.354 |
| 0 | 724 | -.112 | .052 | -.001 | -.394 |
| 0 | 725 | -.265 | .103 | -.003 | -.728 |
| 0 | 726 | -.355 | .198 | .088 | -1.301 |
| 0 | 727 | -.238 | .102 | -.017 | -.899 |
| 0 | 728 | -.254 | .098 | -.049 | -.862 |
| 0 | 729 | -.243 | .098 | -.062 | -.640 |
| 0 | 730 | -.248 | .107 | .016 | -.785 |
| 0 | 731 | -.253 | .095 | -.058 | -.678 |
| 0 | 732 | -.241 | .095 | -.039 | -.716 |
| 0 | 733 | -.263 | .119 | -.027 | -.915 |
| 0 | 734 | -.179 | .081 | .060 | -.633 |
| 0 | 735 | -.117 | .053 | .004 | -.380 |
| 0 | 736 | -.092 | .057 | .021 | -.468 |
| 0 | 901 | -.112 | .043 | .008 | -.330 |
| 0 | 902 | -.116 | .044 | -.006 | -.313 |
| 0 | 903 | -.121 | .051 | -.008 | -.383 |
| 0 | 904 | -.095 | .038 | .011 | -.282 |
| 0 | 905 | -.171 | .058 | -.006 | -.513 |
| 0 | 906 | -.061 | .042 | .180 | -.247 |
| 0 | 907 | -.105 | .043 | .038 | -.346 |
| 0 | 908 | -.092 | .039 | .065 | -.244 |
| 0 | 909 | -.063 | .074 | .267 | -.331 |
| 0 | 910 | -.089 | .076 | .266 | -.404 |
| 0 | 911 | -.253 | .152 | .225 | -.884 |
| 0 | 912 | -.223 | .161 | .312 | -.932 |
| 0 | 913 | -.108 | .061 | .186 | -.475 |
| 0 | 914 | -.102 | .060 | .150 | -.913 |
| 0 | 915 | -.056 | .058 | .201 | -.584 |
| 0 | 916 | -.020 | .061 | .220 | -.551 |
| 0 | 917 | -.233 | .092 | -.054 | -.873 |
| 0 | 918 | -.211 | .070 | -.027 | -.593 |
| 0 | 919 | -.200 | .066 | -.025 | -.546 |
| 0 | 920 | -.398 | .210 | .070 | -1.450 |
| 0 | 921 | -.459 | .218 | .219 | -1.926 |
| 0 | 922 | -.303 | .167 | .127 | -1.349 |
| 0 | 923 | -.234 | .134 | .098 | -1.117 |
| 0 | 924 | -.192 | .135 | .123 | -.875 |
| 0 | 925 | -.168 | .137 | .158 | -.919 |
| 0 | 926 | -.234 | .075 | -.053 | -.688 |
| 0 | 927 | -.219 | .078 | -.037 | -.620 |
| 0 | 928 | -.190 | .072 | -.015 | -.597 |
| 0 | 929 | -.436 | .079 | -.207 | -.719 |
| 0 | 930 | -.500 | .098 | -.245 | -.970 |
| 0 | 931 | -.407 | .124 | .159 | -.955 |
| 0 | 932 | -.435 | .079 | -.208 | -.709 |
| 0 | 933 | -.415 | .124 | .104 | -.891 |
| 0 | 934 | -.528 | .114 | -.203 | -.982 |
| 0 | 935 | -.544 | .114 | -.164 | -1.009 |
| 0 | 936 | -.364 | .110 | .061 | -.840 |
| 0 | 937 | -.535 | .118 | -.203 | -1.082 |
| 0 | 938 | -.589 | .126 | -.091 | -1.036 |
| 0 | 939 | -.333 | .115 | .133 | -.761 |
| 0 | 940 | -.541 | .126 | -.201 | -1.192 |
| 0 | 941 | -.537 | .126 | -.065 | -.959 |
| 0 | 942 | -.297 | .125 | .164 | -.778 |
| 180 | 101 | -.269 | .103 | .031 | -.686 |
| 180 | 102 | -.265 | .099 | .031 | -.684 |
| 180 | 103 | -.268 | .079 | -.022 | -.662 |
| 180 | 104 | -.260 | .077 | -.001 | -.762 |
| 180 | 105 | -.250 | .086 | .002 | -.671 |
| 180 | 106 | -.248 | .087 | .043 | -.723 |
| 180 | 107 | -.293 | .105 | .013 | -.722 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 108 | -.273 | .095 | .002 | -.681 | 180 | 158 | -.270 | .093 | -.057 | -1.184 | 180 | 230 | -.372 | .123 | .023 | -1.038 |
| 180 | 109 | -.235 | .084 | .009 | -.708 | 180 | 159 | -.309 | .121 | -.060 | -1.051 | 180 | 231 | -.688 | .183 | -.172 | -2.248 |
| 180 | 110 | -.236 | .075 | -.018 | -.713 | 180 | 160 | -.338 | .093 | -.136 | -.685 | 180 | 232 | -.692 | .199 | -.090 | -1.513 |
| 180 | 111 | -.257 | .083 | -.003 | -.818 | 180 | 161 | -.328 | .097 | -.116 | -.793 | 180 | 233 | -.498 | .134 | -.156 | -1.294 |
| 180 | 112 | -.263 | .085 | -.015 | -.713 | 180 | 162 | -.329 | .090 | -.106 | -.737 | 180 | 234 | -.472 | .130 | -.058 | -1.073 |
| 180 | 113 | -.309 | .111 | -.007 | -.767 | 180 | 163 | -.320 | .104 | -.093 | -.960 | 180 | 235 | -.365 | .110 | -.000 | -.875 |
| 180 | 114 | -.268 | .085 | -.018 | -.580 | 180 | 164 | -.352 | .114 | -.100 | -.924 | 180 | 236 | -.269 | .118 | .106 | -.846 |
| 180 | 115 | -.227 | .058 | -.057 | -.666 | 180 | 165 | -.319 | .090 | .058 | -.712 | 180 | 237 | -.199 | .090 | .095 | -.512 |
| 180 | 116 | -.234 | .064 | -.048 | -.560 | 180 | 166 | -.371 | .100 | -.025 | -.791 | 180 | 238 | -.178 | .083 | .067 | -.606 |
| 180 | 117 | -.263 | .088 | -.009 | -.742 | 180 | 167 | -.255 | .069 | .080 | -.531 | 180 | 239 | -.432 | .129 | -.130 | -.934 |
| 180 | 118 | -.274 | .098 | -.022 | -.704 | 180 | 168 | -.334 | .092 | -.006 | -.761 | 180 | 240 | -.437 | .126 | -.131 | -.928 |
| 180 | 119 | -.354 | .113 | .008 | -.914 | 180 | 169 | -.293 | .089 | -.026 | -.700 | 180 | 241 | -.520 | .181 | -.097 | -1.236 |
| 180 | 120 | -.312 | .090 | -.028 | -.798 | 180 | 170 | -.439 | .113 | -.125 | -.890 | 180 | 242 | -.438 | .153 | -.036 | -1.068 |
| 180 | 121 | -.236 | .060 | -.047 | -.504 | 180 | 171 | -.460 | .120 | -.140 | -.954 | 180 | 243 | -.180 | .088 | .012 | -.582 |
| 180 | 122 | -.234 | .061 | -.068 | -.563 | 180 | 172 | -.455 | .119 | -.129 | -.938 | 180 | 244 | -.059 | .055 | .116 | -.290 |
| 180 | 123 | -.257 | .084 | .001 | -.854 | 180 | 173 | -.364 | .099 | -.113 | -.770 | 180 | 245 | -.044 | .046 | .100 | -.268 |
| 180 | 124 | -.271 | .102 | -.006 | -.749 | 180 | 174 | -.395 | .100 | -.139 | -.826 | 180 | 246 | -.037 | .050 | .112 | -.273 |
| 180 | 125 | -.326 | .102 | -.041 | -1.040 | 180 | 175 | -.389 | .108 | -.115 | -.834 | 180 | 247 | -.065 | .051 | .077 | -.308 |
| 180 | 126 | -.315 | .092 | -.074 | -.800 | 180 | 176 | -.399 | .113 | -.120 | -.895 | 180 | 248 | -.047 | .058 | .170 | -.322 |
| 180 | 127 | -.260 | .061 | -.092 | -.543 | 180 | 177 | -.364 | .094 | -.126 | -.780 | 180 | 249 | -.036 | .055 | .149 | -.358 |
| 180 | 128 | -.253 | .071 | -.079 | -.595 | 180 | 178 | -.391 | .109 | -.117 | -.814 | 180 | 250 | -.286 | .216 | .270 | -1.320 |
| 180 | 129 | -.244 | .080 | -.061 | -.610 | 180 | 201 | -.433 | .136 | -.156 | -1.765 | 180 | 251 | -.210 | .159 | .214 | -.827 |
| 180 | 130 | -.252 | .088 | -.056 | -.635 | 180 | 202 | -.415 | .111 | -.151 | -1.039 | 180 | 252 | -.147 | .137 | .284 | -.723 |
| 180 | 131 | -.331 | .111 | -.097 | -1.000 | 180 | 203 | -.446 | .119 | -.102 | -1.024 | 180 | 253 | -.286 | .172 | .234 | -.987 |
| 180 | 132 | -.351 | .119 | -.088 | -1.159 | 180 | 204 | -.431 | .155 | .089 | -1.195 | 180 | 254 | -.082 | .131 | .381 | -.560 |
| 180 | 133 | -.198 | .101 | .078 | -.676 | 180 | 205 | -.318 | .137 | .202 | -.892 | 180 | 255 | -.185 | .105 | .168 | -.708 |
| 180 | 134 | -.187 | .104 | .066 | -.590 | 180 | 206 | -.337 | .154 | .129 | -.935 | 180 | 256 | -.230 | .114 | .104 | -.652 |
| 180 | 135 | -.197 | .068 | .055 | -.610 | 180 | 207 | -.416 | .138 | -.140 | -1.235 | 180 | 257 | -.204 | .118 | .230 | -.693 |
| 180 | 136 | -.315 | .097 | -.073 | -.745 | 180 | 208 | -.426 | .137 | -.151 | -1.205 | 180 | 258 | -.078 | .079 | .137 | -.512 |
| 180 | 137 | -.365 | .107 | -.087 | -.823 | 180 | 209 | -.441 | .127 | -.078 | -1.119 | 180 | 259 | -.028 | .068 | .215 | -.432 |
| 180 | 138 | -.344 | .109 | -.062 | -.870 | 180 | 210 | -.390 | .138 | .003 | -1.011 | 180 | 260 | .014 | .057 | .266 | -.252 |
| 180 | 139 | -.303 | .087 | -.074 | -.712 | 180 | 211 | -.327 | .141 | .077 | -.862 | 180 | 261 | .027 | .061 | .285 | -.146 |
| 180 | 140 | -.316 | .093 | -.065 | -.744 | 180 | 212 | -.339 | .157 | .047 | -1.032 | 180 | 262 | -.055 | .110 | .303 | -.475 |
| 180 | 141 | -.022 | .050 | .132 | -.342 | 180 | 213 | -.380 | .121 | -.134 | -1.055 | 180 | 263 | -.058 | .106 | .307 | -.438 |
| 180 | 142 | -.028 | .048 | .130 | -.308 | 180 | 214 | -.378 | .115 | -.137 | -.957 | 180 | 264 | -.021 | .106 | .314 | -.427 |
| 180 | 143 | -.106 | .061 | .056 | -.411 | 180 | 215 | -.418 | .135 | -.117 | -1.091 | 180 | 265 | .031 | .092 | .311 | -.383 |
| 180 | 144 | -.191 | .070 | -.001 | -.499 | 180 | 216 | -.419 | .142 | .040 | -1.084 | 180 | 266 | .134 | .100 | .476 | -.254 |
| 180 | 145 | -.254 | .084 | -.030 | -.573 | 180 | 217 | -.419 | .166 | .044 | -1.114 | 180 | 267 | .114 | .106 | .467 | -.276 |
| 180 | 146 | -.278 | .093 | -.041 | -.714 | 180 | 218 | -.430 | .185 | .122 | -1.283 | 180 | 268 | .128 | .110 | .484 | -.271 |
| 180 | 147 | -.008 | .054 | .151 | -.416 | 180 | 219 | -.452 | .111 | -.140 | -.962 | 180 | 269 | -.377 | .150 | -.055 | -1.020 |
| 180 | 148 | -.013 | .050 | .167 | -.323 | 180 | 220 | -.451 | .130 | -.130 | -1.327 | 180 | 270 | -.387 | .160 | -.021 | -1.113 |
| 180 | 149 | -.073 | .061 | .148 | -.423 | 180 | 221 | -.492 | .121 | -.129 | -1.114 | 180 | 271 | -.253 | .093 | -.054 | -.649 |
| 180 | 150 | -.144 | .065 | .051 | -.457 | 180 | 222 | -.473 | .133 | .050 | -1.063 | 180 | 272 | -.136 | .053 | -.007 | -.328 |
| 180 | 151 | -.216 | .094 | .002 | -.627 | 180 | 223 | -.450 | .158 | .081 | -1.063 | 180 | 273 | -.093 | .051 | .062 | -.294 |
| 180 | 152 | -.290 | .135 | .013 | -.981 | 180 | 224 | -.479 | .183 | .074 | -1.230 | 180 | 274 | -.071 | .049 | .065 | -.268 |
| 180 | 153 | -.076 | .060 | .079 | -.413 | 180 | 225 | -.573 | .159 | -.173 | -1.470 | 180 | 275 | -.306 | .123 | -.001 | -.978 |
| 180 | 154 | -.070 | .063 | .087 | -.421 | 180 | 226 | -.564 | .152 | -.162 | -1.372 | 180 | 276 | -.299 | .135 | .024 | -.851 |
| 180 | 155 | -.072 | .060 | .073 | -.346 | 180 | 227 | -.598 | .150 | -.182 | -1.545 | 180 | 277 | -.032 | .055 | .208 | -.232 |
| 180 | 156 | -.097 | .068 | .082 | -.403 | 180 | 228 | -.500 | .139 | -.012 | -.923 | 180 | 278 | -.058 | .038 | .115 | -.214 |
| 180 | 157 | -.296 | .108 | -.094 | -1.103 | 180 | 229 | -.394 | .129 | .020 | -.868 | 180 | 279 | -.068 | .041 | .082 | -.286 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 280 | -.049 | .041 | .084 | -.233 | 180 | 351 | .309 | .144 | .737 | -.261 | 180 | 401 | .047 | .085 | .370 | -.222 |
| 180 | 301 | .105 | .092 | .447 | -.214 | 180 | 352 | .167 | .136 | .581 | -.442 | 180 | 402 | -.066 | .077 | .318 | -.377 |
| 180 | 302 | .245 | .099 | .583 | -.078 | 180 | 353 | .110 | .102 | .571 | -.183 | 180 | 403 | .190 | .089 | .526 | -.200 |
| 180 | 303 | .270 | .101 | .570 | -.066 | 180 | 354 | .285 | .109 | .650 | -.035 | 180 | 404 | .202 | .088 | .563 | -.023 |
| 180 | 304 | .283 | .101 | .604 | -.120 | 180 | 355 | .103 | .097 | .566 | -.253 | 180 | 405 | .210 | .093 | .611 | .022 |
| 180 | 305 | .226 | .099 | .553 | -.182 | 180 | 356 | .255 | .103 | .641 | -.044 | 180 | 406 | .165 | .083 | .534 | -.027 |
| 180 | 306 | .062 | .087 | .383 | -.311 | 180 | 357 | .422 | .119 | .820 | .161 | 180 | 407 | .037 | .054 | .346 | -.152 |
| 180 | 307 | .099 | .106 | .484 | -.277 | 180 | 358 | .403 | .117 | .799 | .134 | 180 | 408 | -.059 | .061 | .225 | -.382 |
| 180 | 308 | .334 | .107 | .681 | -.055 | 180 | 359 | .240 | .101 | .585 | -.042 | 180 | 501 | -.271 | .098 | .048 | -.834 |
| 180 | 309 | .462 | .117 | .793 | .059 | 180 | 360 | .092 | .103 | .411 | -.277 | 180 | 502 | -.275 | .109 | .088 | -.710 |
| 180 | 310 | .456 | .112 | .857 | .012 | 180 | 361 | .046 | .089 | .427 | -.373 | 180 | 503 | -.398 | .121 | .037 | -.885 |
| 180 | 311 | .311 | .098 | .581 | -.066 | 180 | 362 | .231 | .101 | .609 | -.079 | 180 | 504 | -.520 | .119 | -.170 | -1.074 |
| 180 | 312 | .049 | .085 | .316 | -.395 | 180 | 363 | .428 | .134 | .870 | .109 | 180 | 505 | -.655 | .192 | -.185 | -1.305 |
| 180 | 313 | .094 | .094 | .434 | -.305 | 180 | 364 | .411 | .131 | .851 | .087 | 180 | 506 | -.836 | .345 | -.249 | -1.971 |
| 180 | 314 | .337 | .109 | .678 | .012 | 180 | 365 | .156 | .101 | .642 | -.173 | 180 | 507 | -.254 | .100 | .059 | -.914 |
| 180 | 315 | .572 | .128 | .921 | .162 | 180 | 366 | .116 | .097 | .517 | -.164 | 180 | 508 | -.259 | .097 | .060 | -.722 |
| 180 | 316 | .546 | .125 | .890 | .128 | 180 | 367 | .043 | .092 | .380 | -.250 | 180 | 509 | -.386 | .124 | .025 | -1.024 |
| 180 | 317 | .313 | .100 | .618 | -.053 | 180 | 368 | .009 | .118 | .437 | -.397 | 180 | 510 | -.496 | .116 | -.126 | -.921 |
| 180 | 318 | .028 | .087 | .299 | -.374 | 180 | 369 | .024 | .092 | .368 | -.317 | 180 | 511 | -.759 | .283 | -.205 | -1.972 |
| 180 | 319 | .055 | .107 | .424 | -.273 | 180 | 370 | .124 | .124 | .491 | -.264 | 180 | 512 | -.782 | .265 | -.169 | -1.859 |
| 180 | 320 | .301 | .112 | .702 | -.038 | 180 | 371 | .184 | .108 | .527 | -.317 | 180 | 513 | -.327 | .145 | .054 | -.931 |
| 180 | 321 | .533 | .127 | .947 | .148 | 180 | 372 | .124 | .109 | .520 | -.296 | 180 | 514 | -.306 | .134 | .054 | -.849 |
| 180 | 322 | .487 | .124 | .875 | .144 | 180 | 373 | .115 | .092 | .620 | -.213 | 180 | 515 | -.434 | .171 | .102 | -1.058 |
| 180 | 323 | .239 | .096 | .585 | -.048 | 180 | 374 | .174 | .108 | .659 | -.185 | 180 | 516 | -.589 | .185 | .094 | -1.136 |
| 180 | 324 | -.017 | .085 | .304 | -.369 | 180 | 375 | .244 | .110 | .741 | -.103 | 180 | 517 | -.622 | .201 | -.151 | -1.607 |
| 180 | 325 | .045 | .111 | .405 | -.390 | 180 | 376 | .304 | .137 | .875 | -.248 | 180 | 518 | -.608 | .189 | -.096 | -1.466 |
| 180 | 326 | .295 | .119 | .644 | -.068 | 180 | 377 | .282 | .156 | .806 | -.232 | 180 | 519 | -.288 | .137 | .072 | -.918 |
| 180 | 327 | .004 | .109 | .321 | -.501 | 180 | 378 | .242 | .158 | .676 | -.271 | 180 | 520 | -.282 | .127 | .065 | -.870 |
| 180 | 328 | .286 | .106 | .666 | -.067 | 180 | 379 | .150 | .143 | .646 | -.413 | 180 | 521 | -.405 | .181 | .116 | -1.160 |
| 180 | 329 | -.053 | .122 | .322 | -.537 | 180 | 380 | .144 | .114 | .520 | -.281 | 180 | 522 | -.581 | .205 | .004 | -1.463 |
| 180 | 330 | .167 | .101 | .512 | -.197 | 180 | 381 | .251 | .111 | .671 | -.157 | 180 | 523 | -.654 | .237 | -.112 | -1.692 |
| 180 | 331 | .518 | .129 | .879 | .089 | 180 | 382 | .097 | .096 | .499 | -.148 | 180 | 524 | -.665 | .240 | -.126 | -1.632 |
| 180 | 332 | .471 | .124 | .893 | .067 | 180 | 383 | .189 | .082 | .519 | -.029 | 180 | 525 | -.644 | .216 | -.121 | -1.647 |
| 180 | 333 | .054 | .109 | .438 | -.349 | 180 | 384 | .283 | .091 | .606 | .052 | 180 | 526 | -.643 | .224 | -.105 | -1.740 |
| 180 | 334 | -.203 | .108 | .161 | -.594 | 180 | 385 | .312 | .103 | .657 | .063 | 180 | 527 | -.667 | .234 | -.151 | -1.903 |
| 180 | 336 | -.034 | .132 | .450 | -.603 | 180 | 386 | .237 | .099 | .587 | -.048 | 180 | 528 | -.667 | .233 | -.141 | -1.973 |
| 180 | 337 | -.158 | .124 | .238 | -.939 | 180 | 387 | .193 | .096 | .531 | -.126 | 180 | 529 | -.269 | .100 | -.071 | -.855 |
| 180 | 338 | -.083 | .181 | .402 | -.682 | 180 | 388 | .074 | .087 | .505 | -.187 | 180 | 530 | -.278 | .099 | -.071 | -.834 |
| 180 | 339 | .148 | .155 | .664 | -.554 | 180 | 389 | .151 | .067 | .484 | -.073 | 180 | 531 | -.238 | .088 | -.037 | -.661 |
| 180 | 340 | -.286 | .122 | .132 | -.749 | 180 | 390 | .240 | .074 | .587 | .044 | 180 | 532 | -.278 | .147 | .068 | -.845 |
| 180 | 341 | -.260 | .132 | .274 | -.668 | 180 | 391 | .335 | .114 | .880 | .054 | 180 | 533 | -.508 | .215 | .026 | -1.352 |
| 180 | 342 | -.284 | .145 | .247 | -.735 | 180 | 392 | .260 | .103 | .700 | -.021 | 180 | 534 | -.769 | .296 | -.110 | -1.847 |
| 180 | 343 | .020 | .089 | .520 | -.297 | 180 | 393 | .214 | .099 | .597 | -.119 | 180 | 535 | -.736 | .311 | -.087 | -2.037 |
| 180 | 344 | .042 | .116 | .429 | -.433 | 180 | 394 | .123 | .066 | .406 | -.132 | 180 | 536 | -.288 | .099 | -.084 | -.776 |
| 180 | 345 | .027 | .071 | .367 | -.187 | 180 | 395 | .197 | .063 | .455 | .007 | 180 | 537 | -.303 | .103 | -.081 | -.777 |
| 180 | 346 | -.000 | .072 | .249 | -.309 | 180 | 396 | .213 | .076 | .522 | .001 | 180 | 538 | -.346 | .111 | -.068 | -.825 |
| 180 | 347 | .202 | .107 | .641 | -.149 | 180 | 397 | .163 | .083 | .553 | -.321 | 180 | 539 | -.325 | .104 | -.107 | -1.085 |
| 180 | 348 | .302 | .118 | .712 | -.197 | 180 | 398 | .159 | .080 | .544 | -.172 | 180 | 540 | -.345 | .106 | -.045 | -.905 |
| 180 | 349 | .436 | .124 | .864 | -.014 | 180 | 399 | .168 | .096 | .562 | -.166 | 180 | 541 | -.341 | .105 | -.022 | -.833 |
| 180 | 350 | .444 | .147 | .894 | -.074 | 180 | 400 | .147 | .094 | .520 | -.202 | 180 | 542 | -.360 | .108 | -.114 | -.892 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 543 | -.304 | .109 | .089 | -.790 | 180 | 593 | -.130 | .053 | .045 | -.314 | 180 | 907 | .055 | .057 | .345 | -.110 |
| 180 | 544 | -.321 | .095 | -.054 | -.669 | 180 | 594 | .002 | .094 | .276 | -.566 | 180 | 908 | -.213 | .080 | .008 | -.544 |
| 180 | 545 | -.264 | .099 | .315 | -.648 | 180 | 595 | -.073 | .173 | .391 | -.989 | 180 | 909 | -.049 | .063 | .128 | -.336 |
| 180 | 546 | -.303 | .085 | -.022 | -.614 | 180 | 596 | -.078 | .176 | .395 | -1.165 | 180 | 910 | -.028 | .057 | .134 | -.245 |
| 180 | 547 | -.146 | .095 | .152 | -.598 | 180 | 597 | .182 | .071 | .532 | -.222 | 180 | 911 | -.127 | .081 | .089 | -.464 |
| 180 | 548 | -.262 | .094 | .019 | -.725 | 180 | 598 | .165 | .068 | .498 | -.160 | 180 | 912 | -.113 | .094 | .117 | -.538 |
| 180 | 549 | -.291 | .105 | -.061 | -.692 | 180 | 599 | .235 | .074 | .622 | .063 | 180 | 913 | -.273 | .178 | .077 | -.934 |
| 180 | 550 | -.297 | .115 | -.061 | -.769 | 180 | 600 | .215 | .079 | .615 | .026 | 180 | 914 | .119 | .088 | .446 | -.195 |
| 180 | 551 | -.376 | .161 | -.039 | -.964 | 180 | 701 | -.080 | .060 | .062 | -.368 | 180 | 915 | .088 | .094 | .398 | -.231 |
| 180 | 552 | -.589 | .277 | -.018 | -1.531 | 180 | 702 | -.324 | .139 | .048 | -1.095 | 180 | 916 | .074 | .099 | .357 | -.280 |
| 180 | 553 | -.547 | .194 | .007 | -1.212 | 180 | 703 | -.424 | .188 | .041 | -1.177 | 180 | 917 | .427 | .117 | .931 | .147 |
| 180 | 554 | -.793 | .260 | -.141 | -1.717 | 180 | 704 | -.377 | .136 | -.030 | -1.088 | 180 | 918 | .400 | .116 | .939 | .087 |
| 180 | 555 | -.717 | .231 | -.066 | -1.637 | 180 | 705 | -.219 | .107 | .038 | -.770 | 180 | 919 | .415 | .119 | .907 | .096 |
| 180 | 556 | -.780 | .264 | -.142 | -2.197 | 180 | 706 | -.034 | .051 | .176 | -.266 | 180 | 920 | -.226 | .150 | .106 | -1.208 |
| 180 | 557 | -.248 | .074 | -.064 | -.581 | 180 | 707 | -.262 | .106 | .073 | -.771 | 180 | 921 | -.198 | .133 | .157 | -.790 |
| 180 | 558 | -.226 | .066 | -.034 | -.542 | 180 | 708 | -.323 | .163 | .009 | -1.062 | 180 | 922 | -.511 | .210 | -.038 | -1.554 |
| 180 | 559 | -.167 | .064 | .215 | -.468 | 180 | 709 | -.257 | .106 | -.040 | -.867 | 180 | 923 | -.015 | .145 | .369 | -.545 |
| 180 | 560 | -.327 | .197 | .038 | -1.079 | 180 | 710 | -.358 | .107 | -.083 | -.882 | 180 | 924 | -.062 | .151 | .326 | -.602 |
| 180 | 561 | -.590 | .175 | .070 | -1.250 | 180 | 711 | -.285 | .134 | -.007 | -.949 | 180 | 925 | -.114 | .159 | .265 | -.736 |
| 180 | 562 | -.598 | .171 | -.010 | -1.245 | 180 | 712 | -.315 | .126 | -.056 | -1.058 | 180 | 926 | .433 | .134 | .954 | .016 |
| 180 | 563 | -.318 | .092 | -.073 | -.676 | 180 | 713 | -.372 | .1[illegible] | -.114 | -1.186 | 180 | 927 | .421 | .115 | .883 | .030 |
| 180 | 564 | -.338 | .095 | -.079 | -.778 | 180 | 714 | -.308 | .095 | -.030 | -.701 | 180 | 928 | .483 | .115 | .977 | .065 |
| 180 | 565 | -.298 | .091 | -.039 | -.720 | 180 | 715 | -.439 | .125 | -.146 | -1.173 | 180 | 929 | -.378 | .096 | .106 | -.763 |
| 180 | 566 | -.172 | .089 | .041 | -.590 | 180 | 716 | -.382 | .103 | -.119 | -.770 | 180 | 930 | -.459 | .099 | -.149 | -.888 |
| 180 | 567 | -.272 | .197 | .089 | -1.124 | 180 | 717 | -.830 | .322 | -.178 | -2.072 | 180 | 931 | -.420 | .080 | -.148 | -.730 |
| 180 | 568 | -.508 | .201 | .043 | -1.424 | 180 | 718 | -.625 | .210 | -.173 | -1.667 | 180 | 932 | -.369 | .092 | .018 | -.801 |
| 180 | 569 | -.521 | .204 | .002 | -1.495 | 180 | 719 | -.837 | .333 | -.139 | -2.313 | 180 | 933 | -.408 | .081 | -.191 | -.748 |
| 180 | 570 | -.369 | .099 | -.129 | -.818 | 180 | 720 | -.774 | .274 | .054 | -1.829 | 180 | 934 | -.394 | .108 | .089 | -.765 |
| 180 | 571 | -.441 | .118 | -.124 | -1.059 | 180 | 721 | -.516 | .207 | .085 | -1.730 | 180 | 935 | -.486 | .106 | -.187 | -.923 |
| 180 | 572 | -.395 | .102 | -.117 | -.843 | 180 | 722 | -.331 | .252 | .399 | -1.148 | 180 | 936 | -.410 | .089 | -.160 | -.737 |
| 180 | 573 | -.382 | .096 | -.125 | -.827 | 180 | 723 | -.202 | .177 | .431 | -.883 | 180 | 937 | -.354 | .113 | .074 | -.845 |
| 180 | 574 | -.394 | .106 | -.139 | -.911 | 180 | 724 | -.118 | .175 | .319 | -1.193 | 180 | 938 | -.492 | .111 | -.151 | -.989 |
| 180 | 575 | -.388 | .103 | -.148 | -.929 | 180 | 725 | -.455 | .135 | -.185 | -1.316 | 180 | 939 | -.446 | .094 | -.187 | -.813 |
| 180 | 576 | -.361 | .102 | -.112 | -.870 | 180 | 726 | -.431 | .131 | -.109 | -1.251 | 180 | 940 | -.305 | .136 | .148 | -.967 |
| 180 | 577 | -.288 | .089 | -.081 | -.693 | 180 | 727 | -.559 | .136 | -.156 | -1.282 | 180 | 941 | -.463 | .112 | -.111 | -.939 |
| 180 | 578 | -.227 | .084 | -.032 | -.585 | 180 | 728 | -.352 | .098 | -.037 | -.823 | 180 | 942 | -.457 | .100 | -.186 | -1.048 |
| 180 | 579 | -.178 | .123 | .075 | -.697 | 180 | 729 | -.373 | .112 | -.086 | -.796 | 200 | 101 | -.281 | .067 | -.076 | -.674 |
| 180 | 580 | -.249 | .199 | .147 | -.981 | 180 | 730 | -.475 | .265 | .247 | -1.757 | 200 | 102 | -.285 | .066 | -.085 | -.730 |
| 180 | 581 | -.203 | .171 | .193 | -.943 | 180 | 731 | -.152 | .092 | .244 | -.524 | 200 | 103 | -.287 | .063 | -.115 | -.757 |
| 180 | 582 | -.347 | .205 | .169 | -1.195 | 180 | 732 | .003 | .060 | .286 | -.310 | 200 | 104 | -.282 | .053 | -.120 | -.577 |
| 180 | 583 | -.255 | .184 | .237 | -.917 | 180 | 733 | -.100 | .166 | .437 | -.752 | 200 | 105 | -.289 | .049 | -.117 | -.445 |
| 180 | 584 | -.308 | .199 | .172 | -1.090 | 180 | 734 | .110 | .107 | .511 | -.346 | 200 | 106 | -.268 | .051 | -.113 | -.446 |
| 180 | 585 | -.240 | .073 | -.049 | -.540 | 180 | 735 | .155 | .074 | .480 | -.146 | 200 | 107 | -.301 | .065 | -.120 | -.727 |
| 180 | 586 | -.184 | .063 | -.010 | -.445 | 180 | 736 | -.326 | .135 | -.005 | -1.120 | 200 | 108 | -.288 | .060 | -.103 | -.693 |
| 180 | 587 | -.089 | .054 | .128 | -.322 | 180 | 901 | .356 | .131 | .858 | -.149 | 200 | 109 | -.265 | .062 | -.103 | -.747 |
| 180 | 588 | -.043 | .128 | .189 | -.686 | 180 | 902 | .353 | .126 | .878 | -.177 | 200 | 110 | -.274 | .047 | -.130 | -.430 |
| 180 | 589 | -.136 | .156 | .206 | -.822 | 180 | 903 | .343 | .121 | .809 | .016 | 200 | 111 | -.273 | .042 | -.109 | -.414 |
| 180 | 590 | -.160 | .137 | .206 | -.852 | 180 | 904 | .173 | .072 | .492 | -.056 | 200 | 112 | -.271 | .042 | -.111 | -.425 |
| 180 | 591 | -.253 | .069 | -.073 | -.622 | 180 | 905 | .064 | .066 | .347 | -.181 | 200 | 113 | -.322 | .052 | -.140 | -.574 |
| 180 | 592 | -.191 | .055 | -.039 | -.402 | 180 | 906 | .088 | .060 | .362 | -.118 | 200 | 114 | -.308 | .050 | -.161 | -.550 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200 | 115 | -.281 | .044 | -.130 | -.424 | 200 | 165 | -.385 | .100 | -.014 | -.791 | 200 | 237 | -.248 | .072 | .012 | -.559 |
| 200 | 116 | -.281 | .042 | -.158 | -.429 | 200 | 166 | -.464 | .111 | -.113 | -.999 | 200 | 238 | -.233 | .068 | -.009 | -.446 |
| 200 | 117 | -.286 | .042 | -.167 | -.421 | 200 | 167 | -.292 | .082 | -.023 | -.640 | 200 | 239 | -.631 | .178 | -.208 | -1.702 |
| 200 | 118 | -.267 | .035 | -.170 | -.433 | 200 | 168 | -.396 | .117 | -.036 | -.933 | 200 | 240 | -.637 | .173 | -.200 | -1.492 |
| 200 | 119 | -.367 | .061 | -.187 | -.653 | 200 | 169 | -.379 | .118 | -.083 | -.969 | 200 | 241 | -.522 | .157 | -.175 | -1.203 |
| 200 | 120 | -.349 | .057 | -.183 | -.596 | 200 | 170 | -.572 | .100 | -.311 | -1.155 | 200 | 242 | -.506 | .154 | -.157 | -1.319 |
| 200 | 121 | -.305 | .059 | -.127 | -.677 | 200 | 171 | -.593 | .103 | -.320 | -1.169 | 200 | 243 | -.298 | .105 | -.003 | -.771 |
| 200 | 122 | -.306 | .055 | -.163 | -.527 | 200 | 172 | -.586 | .102 | -.319 | -1.146 | 200 | 244 | -.086 | .044 | .074 | -.291 |
| 200 | 123 | -.309 | .054 | -.155 | -.577 | 200 | 173 | -.506 | .102 | -.258 | -.916 | 200 | 245 | -.075 | .040 | .056 | -.253 |
| 200 | 124 | -.306 | .055 | -.151 | -.557 | 200 | 174 | -.538 | .098 | -.279 | -1.092 | 200 | 246 | -.074 | .040 | .050 | -.259 |
| 200 | 125 | -.417 | .078 | -.204 | -.735 | 200 | 175 | -.523 | .101 | -.246 | -.938 | 200 | 247 | -.079 | .035 | .024 | -.265 |
| 200 | 126 | -.411 | .075 | -.214 | -.661 | 200 | 176 | -.531 | .103 | -.223 | -.964 | 200 | 248 | -.055 | .040 | .093 | -.238 |
| 200 | 127 | -.396 | .082 | -.190 | -.805 | 200 | 177 | -.416 | .090 | -.165 | -.738 | 200 | 249 | -.052 | .042 | .095 | -.231 |
| 200 | 128 | -.369 | .076 | -.183 | -.759 | 200 | 178 | -.514 | .102 | -.221 | -.938 | 200 | 250 | -.667 | .194 | -.125 | -1.652 |
| 200 | 129 | -.357 | .070 | -.175 | -.649 | 200 | 201 | -.344 | .051 | -.176 | -.507 | 200 | 251 | -.601 | .161 | -.123 | -1.123 |
| 200 | 130 | -.368 | .071 | -.160 | -.629 | 200 | 202 | -.335 | .050 | -.163 | -.500 | 200 | 252 | -.546 | .158 | -.044 | -1.102 |
| 200 | 131 | -.443 | .090 | -.195 | -.912 | 200 | 203 | -.349 | .059 | -.164 | -.617 | 200 | 253 | -.545 | .125 | -.209 | -1.174 |
| 200 | 132 | -.464 | .098 | -.229 | -1.033 | 200 | 204 | -.348 | .070 | -.119 | -.659 | 200 | 254 | -.428 | .107 | -.009 | -.847 |
| 200 | 133 | -.290 | .090 | -.035 | -.618 | 200 | 205 | -.320 | .073 | -.099 | -.808 | 200 | 255 | -.460 | .106 | -.149 | -1.085 |
| 200 | 134 | -.268 | .085 | -.006 | -.650 | 200 | 206 | -.352 | .093 | -.091 | -.795 | 200 | 256 | -.471 | .115 | -.161 | -.957 |
| 200 | 135 | -.344 | .083 | -.043 | -.642 | 200 | 207 | -.321 | .049 | -.169 | -.496 | 200 | 257 | -.469 | .108 | -.109 | -.990 |
| 200 | 136 | -.426 | .094 | -.175 | -.866 | 200 | 208 | -.326 | .048 | -.185 | -.491 | 200 | 258 | -.339 | .110 | -.034 | -.868 |
| 200 | 137 | -.470 | .108 | -.210 | -.992 | 200 | 209 | -.332 | .052 | -.153 | -.593 | 200 | 259 | -.196 | .082 | .170 | -.584 |
| 200 | 138 | -.456 | .105 | -.215 | -.946 | 200 | 210 | -.325 | .058 | -.133 | -.637 | 200 | 260 | -.226 | .085 | .005 | -.588 |
| 200 | 139 | -.487 | .106 | -.211 | -.930 | 200 | 211 | -.332 | .071 | -.085 | -.686 | 200 | 261 | -.210 | .087 | .150 | -.572 |
| 200 | 140 | -.551 | .136 | -.244 | -1.208 | 200 | 212 | -.348 | .083 | -.109 | -.788 | 200 | 262 | -.486 | .132 | -.079 | -.882 |
| 200 | 141 | -.078 | .043 | .055 | -.251 | 200 | 213 | -.300 | .043 | -.146 | -.491 | 200 | 263 | -.562 | .141 | -.150 | -1.011 |
| 200 | 142 | -.096 | .046 | .038 | -.285 | 200 | 214 | -.302 | .045 | -.167 | -.491 | 200 | 264 | -.425 | .136 | .007 | -.895 |
| 200 | 143 | -.192 | .061 | -.036 | -.411 | 200 | 215 | -.314 | .048 | -.164 | -.511 | 200 | 265 | -.350 | .122 | .061 | -.781 |
| 200 | 144 | -.308 | .072 | -.110 | -.591 | 200 | 216 | -.328 | .048 | -.163 | -.548 | 200 | 266 | -.266 | .128 | .142 | -.710 |
| 200 | 145 | -.488 | .123 | -.137 | -1.080 | 200 | 217 | -.338 | .057 | -.158 | -.700 | 200 | 267 | -.321 | .144 | .162 | -.804 |
| 200 | 146 | -.559 | .142 | -.143 | -1.222 | 200 | 218 | -.350 | .064 | -.192 | -.755 | 200 | 268 | -.285 | .127 | .063 | -.695 |
| 200 | 147 | -.062 | .040 | .075 | -.229 | 200 | 219 | -.345 | .066 | -.104 | -.617 | 200 | 269 | -.429 | .118 | -.171 | -.971 |
| 200 | 148 | -.073 | .040 | .057 | -.243 | 200 | 220 | -.340 | .066 | -.121 | -.609 | 200 | 270 | -.429 | .123 | -.163 | -.968 |
| 200 | 149 | -.133 | .043 | -.002 | -.483 | 200 | 221 | -.375 | .072 | -.180 | -.773 | 200 | 271 | -.346 | .083 | -.116 | -.789 |
| 200 | 150 | -.231 | .056 | -.069 | -.470 | 200 | 222 | -.374 | .067 | -.204 | -.698 | 200 | 272 | -.194 | .051 | -.051 | -.420 |
| 200 | 151 | -.439 | .112 | -.115 | -.910 | 200 | 223 | -.394 | .074 | -.201 | -.676 | 200 | 273 | -.125 | .045 | .016 | -.357 |
| 200 | 152 | -.666 | .180 | -.163 | -1.481 | 200 | 224 | -.412 | .082 | -.193 | -.756 | 200 | 274 | -.107 | .041 | .007 | -.340 |
| 200 | 153 | -.101 | .039 | .012 | -.280 | 200 | 225 | -.493 | .098 | -.180 | -.892 | 200 | 275 | -.431 | .109 | -.172 | -.960 |
| 200 | 154 | -.083 | .037 | .035 | -.299 | 200 | 226 | -.511 | .103 | -.204 | -.903 | 200 | 276 | -.423 | .105 | -.131 | -.863 |
| 200 | 155 | -.088 | .036 | .014 | -.258 | 200 | 227 | -.561 | .130 | -.251 | -1.281 | 200 | 277 | -.171 | .065 | .033 | -.415 |
| 200 | 156 | -.099 | .040 | .018 | -.272 | 200 | 228 | -.523 | .110 | -.254 | -1.005 | 200 | 278 | -.111 | .041 | .073 | -.253 |
| 200 | 157 | -.517 | .123 | -.205 | -1.040 | 200 | 229 | -.468 | .093 | -.119 | -.802 | 200 | 279 | -.092 | .039 | .067 | -.236 |
| 200 | 158 | -.518 | .124 | -.221 | -1.153 | 200 | 230 | -.468 | .107 | -.177 | -1.160 | 200 | 280 | -.080 | .034 | .058 | -.282 |
| 200 | 159 | -.484 | .119 | -.178 | -1.034 | 200 | 231 | -.631 | .165 | -.134 | -1.320 | 200 | 301 | .418 | .111 | .808 | .072 |
| 200 | 160 | -.463 | .090 | -.236 | -.841 | 200 | 232 | -.604 | .162 | -.085 | -1.362 | 200 | 302 | .393 | .110 | .711 | .045 |
| 200 | 161 | -.446 | .092 | -.215 | -.861 | 200 | 233 | -.500 | .116 | -.190 | -1.060 | 200 | 303 | .290 | .099 | .587 | -.060 |
| 200 | 162 | -.442 | .101 | -.195 | -.954 | 200 | 234 | -.494 | .105 | -.185 | -.923 | 200 | 304 | .180 | .086 | .473 | -.082 |
| 200 | 163 | -.479 | .123 | -.201 | -1.174 | 200 | 235 | -.494 | .115 | -.169 | -1.078 | 200 | 305 | .059 | .076 | .307 | -.258 |
| 200 | 164 | -.478 | .146 | -.185 | -1.395 | 200 | 236 | -.402 | .093 | -.035 | -.736 | 200 | 306 | -.077 | .059 | .115 | -.333 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200 | 307 | .490 | .124 | .918 | .098 | 200 | 358 | .256 | .097 | .653 | -.006 | 200 | 408 | -.199 | .059 | .026 | -.435 |
| 200 | 308 | .539 | .123 | .959 | .173 | 200 | 359 | -.007 | .076 | .308 | -.250 | 200 | 501 | -.215 | .039 | -.081 | -.363 |
| 200 | 309 | .447 | .110 | .809 | .115 | 200 | 360 | -.179 | .081 | .098 | -.485 | 200 | 502 | -.213 | .036 | -.070 | -.344 |
| 200 | 310 | .313 | .098 | .624 | .021 | 200 | 361 | .289 | .120 | .700 | -.176 | 200 | 503 | -.162 | .039 | -.036 | -.302 |
| 200 | 311 | .116 | .072 | .368 | -.095 | 200 | 362 | .364 | .114 | .770 | .026 | 200 | 504 | -.148 | .050 | -.008 | -.422 |
| 200 | 312 | -.093 | .052 | .082 | -.272 | 200 | 363 | .384 | .113 | .823 | .133 | 200 | 505 | -.452 | .140 | .124 | -.942 |
| 200 | 313 | .443 | .142 | .844 | -.030 | 200 | 364 | .252 | .098 | .732 | .004 | 200 | 506 | -.528 | .108 | -.065 | -.879 |
| 200 | 314 | .564 | .135 | .934 | .110 | 200 | 365 | -.196 | .113 | .180 | -.564 | 200 | 507 | -.185 | .033 | -.069 | -.311 |
| 200 | 315 | .577 | .119 | .946 | .152 | 200 | 366 | -.219 | .092 | .154 | -.571 | 200 | 508 | -.194 | .031 | -.082 | -.316 |
| 200 | 316 | .441 | .105 | .799 | .074 | 200 | 367 | -.274 | .089 | .060 | -.606 | 200 | 509 | -.101 | .035 | .065 | -.229 |
| 200 | 317 | .138 | .066 | .419 | -.096 | 200 | 368 | -.424 | .130 | .040 | -.839 | 200 | 510 | -.062 | .050 | .108 | -.250 |
| 200 | 318 | -.095 | .046 | .066 | -.260 | 200 | 369 | -.307 | .100 | .055 | -.669 | 200 | 511 | -.393 | .139 | .240 | -.838 |
| 200 | 319 | .385 | .148 | .818 | -.114 | 200 | 370 | -.337 | .123 | .067 | -.751 | 200 | 512 | -.593 | .127 | -.088 | -1.096 |
| 200 | 320 | .506 | .138 | .927 | .089 | 200 | 371 | -.272 | .180 | .280 | -.883 | 200 | 513 | -.228 | .030 | -.129 | -.323 |
| 200 | 321 | .517 | .124 | .913 | .166 | 200 | 372 | -.327 | .131 | .045 | -.883 | 200 | 514 | -.189 | .029 | -.058 | -.306 |
| 200 | 322 | .392 | .107 | .794 | .101 | 200 | 373 | -.233 | .146 | .336 | -.720 | 200 | 515 | -.064 | .037 | .141 | -.183 |
| 200 | 323 | .073 | .068 | .312 | -.138 | 200 | 374 | .369 | .123 | .806 | .038 | 200 | 516 | .004 | .081 | .274 | -.690 |
| 200 | 324 | -.124 | .055 | .070 | -.303 | 200 | 375 | .376 | .120 | .775 | .097 | 200 | 517 | -.399 | .187 | .449 | -1.114 |
| 200 | 325 | .358 | .142 | .834 | -.109 | 200 | 376 | .359 | .116 | .748 | -.150 | 200 | 518 | -.352 | .143 | .170 | -.886 |
| 200 | 326 | .505 | .139 | .935 | .135 | 200 | 377 | .244 | .122 | .609 | -.320 | 200 | 519 | -.250 | .043 | -.134 | -.453 |
| 200 | 327 | .358 | .143 | .786 | -.035 | 200 | 378 | .045 | .110 | .411 | -.383 | 200 | 520 | -.225 | .034 | -.100 | -.343 |
| 200 | 328 | .487 | .134 | .927 | .129 | 200 | 379 | -.123 | .114 | .253 | -.703 | 200 | 521 | -.076 | .034 | .055 | -.222 |
| 200 | 329 | .286 | .137 | .739 | -.088 | 200 | 380 | .336 | .120 | .756 | -.041 | 200 | 522 | -.001 | .082 | .193 | -.486 |
| 200 | 330 | .402 | .135 | .850 | .060 | 200 | 381 | .356 | .118 | .767 | .042 | 200 | 523 | -.347 | .192 | .273 | -.975 |
| 200 | 331 | .476 | .114 | .881 | .144 | 200 | 382 | .299 | .106 | .691 | -.040 | 200 | 524 | -.360 | .170 | .233 | -1.076 |
| 200 | 332 | .302 | .092 | .732 | .073 | 200 | 383 | .304 | .101 | .768 | .067 | 200 | 525 | -.317 | .189 | .269 | -.855 |
| 200 | 333 | -.285 | .102 | .059 | -.647 | 200 | 384 | .284 | .087 | .726 | .094 | 200 | 526 | -.339 | .169 | .241 | -.900 |
| 200 | 334 | -.401 | .099 | -.084 | -.748 | 200 | 385 | .210 | .072 | .506 | .045 | 200 | 527 | -.291 | .200 | .309 | -.927 |
| 200 | 336 | -.498 | .165 | -.021 | -1.034 | 200 | 386 | .034 | .068 | .302 | -.185 | 200 | 528 | -.308 | .169 | .285 | -.898 |
| 200 | 337 | -.365 | .097 | -.053 | -.794 | 200 | 387 | -.081 | .085 | .245 | -.340 | 200 | 529 | -.384 | .077 | -.169 | -.734 |
| 200 | 338 | -.600 | .165 | -.038 | -1.143 | 200 | 388 | .225 | .087 | .601 | -.014 | 200 | 530 | -.432 | .094 | -.180 | -.818 |
| 200 | 339 | -.315 | .221 | .287 | -.923 | 200 | 389 | .256 | .085 | .638 | .040 | 200 | 531 | -.383 | .079 | -.171 | -.693 |
| 200 | 340 | -.512 | .114 | -.080 | -.959 | 200 | 390 | .284 | .092 | .633 | .074 | 200 | 532 | -.084 | .046 | .091 | -.274 |
| 200 | 341 | -.507 | .105 | -.097 | -.971 | 200 | 391 | .236 | .080 | .611 | .053 | 200 | 533 | -.004 | .073 | .197 | -.411 |
| 200 | 342 | -.560 | .112 | -.097 | -1.053 | 200 | 392 | .024 | .073 | .337 | -.195 | 200 | 534 | -.144 | .205 | .374 | -.881 |
| 200 | 343 | -.127 | .127 | .375 | -.578 | 200 | 393 | -.092 | .088 | .235 | -.409 | 200 | 535 | -.272 | .214 | .402 | -1.360 |
| 200 | 344 | .052 | .114 | .394 | -.448 | 200 | 394 | .213 | .072 | .498 | .026 | 200 | 536 | -.435 | .099 | -.188 | -.871 |
| 200 | 345 | -.211 | .103 | .198 | -.626 | 200 | 395 | .263 | .081 | .546 | .084 | 200 | 537 | -.511 | .131 | -.182 | -1.162 |
| 200 | 346 | -.203 | .105 | .211 | -.692 | 200 | 396 | .314 | .099 | .699 | .035 | 200 | 538 | -.531 | .106 | -.272 | -1.122 |
| 200 | 347 | .431 | .135 | .877 | .099 | 200 | 397 | .187 | .093 | .530 | -.328 | 200 | 539 | -.473 | .093 | -.224 | -.852 |
| 200 | 348 | .442 | .128 | .853 | .126 | 200 | 398 | .170 | .092 | .471 | -.357 | 200 | 540 | -.478 | .097 | -.171 | -.864 |
| 200 | 349 | .446 | .128 | .918 | -.009 | 200 | 399 | .098 | .065 | .397 | -.133 | 200 | 541 | -.476 | .095 | -.177 | -.830 |
| 200 | 350 | .346 | .124 | .723 | -.320 | 200 | 400 | .052 | .050 | .271 | -.085 | 200 | 542 | -.493 | .099 | -.180 | -.860 |
| 200 | 351 | .073 | .118 | .443 | -.760 | 200 | 401 | -.069 | .053 | .238 | -.263 | 200 | 543 | -.333 | .138 | .161 | -.850 |
| 200 | 352 | -.174 | .112 | .196 | -.936 | 200 | 402 | -.174 | .069 | .108 | -.466 | 200 | 544 | -.427 | .112 | .086 | -.881 |
| 200 | 353 | .426 | .141 | .845 | .026 | 200 | 403 | .197 | .080 | .578 | -.060 | 200 | 545 | -.272 | .126 | .135 | -.736 |
| 200 | 354 | .466 | .140 | .895 | .111 | 200 | 404 | .209 | .083 | .604 | -.048 | 200 | 546 | -.373 | .093 | .072 | -.733 |
| 200 | 355 | .390 | .137 | .848 | .069 | 200 | 405 | .167 | .060 | .521 | .008 | 200 | 547 | -.048 | .075 | .262 | -.407 |
| 200 | 356 | .432 | .132 | .858 | .125 | 200 | 406 | .070 | .047 | .321 | -.057 | 200 | 548 | -.225 | .094 | .028 | -.597 |
| 200 | 357 | .380 | .116 | .756 | .098 | 200 | 407 | -.091 | .044 | .120 | -.243 | 200 | 549 | -.328 | .077 | -.148 | -.678 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200 | 550 | -.213 | .061 | -.060 | -.454 | 200 | 600 | .300 | .089 | .693 | .079 | 200 | 914 | .180 | .079 | .497 | -.060 |
| 200 | 551 | -.059 | .054 | .094 | -.279 | 200 | 701 | -.107 | .037 | .011 | -.269 | 200 | 915 | .166 | .086 | .480 | -.128 |
| 200 | 552 | .010 | .096 | .278 | -.532 | 200 | 702 | -.312 | .079 | -.109 | -.777 | 200 | 916 | .174 | .092 | .494 | -.179 |
| 200 | 553 | .067 | .116 | .428 | -.409 | 200 | 703 | -.353 | .069 | -.178 | -.689 | 200 | 917 | .376 | .113 | .773 | .115 |
| 200 | 554 | -.162 | .214 | .494 | -.978 | 200 | 704 | -.458 | .105 | -.186 | -1.015 | 200 | 918 | .256 | .099 | .689 | .023 |
| 200 | 555 | -.096 | .218 | .394 | -.845 | 200 | 705 | -.296 | .089 | -.056 | -.641 | 200 | 919 | .275 | .095 | .601 | .054 |
| 200 | 556 | -.175 | .220 | .413 | -1.038 | 200 | 706 | -.073 | .049 | .106 | -.254 | 200 | 920 | .019 | .058 | .273 | -.172 |
| 200 | 557 | -.303 | .059 | -.136 | -.530 | 200 | 707 | -.271 | .053 | -.102 | -.468 | 200 | 921 | -.022 | .058 | .180 | -.246 |
| 200 | 558 | -.241 | .058 | -.051 | -.459 | 200 | 708 | -.278 | .046 | -.102 | -.486 | 200 | 922 | -.025 | .079 | .243 | -.424 |
| 200 | 559 | -.067 | .039 | .094 | -.183 | 200 | 709 | -.359 | .072 | -.161 | -.642 | 200 | 923 | .115 | .098 | .458 | -.330 |
| 200 | 560 | .039 | .063 | .300 | -.204 | 200 | 710 | -.473 | .103 | -.226 | -.945 | 200 | 924 | .101 | .106 | .400 | -.357 |
| 200 | 561 | -.108 | .184 | .481 | -.731 | 200 | 711 | -.672 | .194 | -.169 | -1.460 | 200 | 925 | .079 | .112 | .445 | -.374 |
| 200 | 562 | -.202 | .160 | .470 | -.805 | 200 | 712 | -.487 | .117 | -.192 | -1.043 | 200 | 926 | .405 | .119 | .763 | .052 |
| 200 | 563 | -.411 | .080 | -.190 | -.790 | 200 | 713 | -.462 | .105 | -.207 | -1.130 | 200 | 927 | .302 | .097 | .640 | .037 |
| 200 | 564 | -.429 | .077 | -.224 | -.798 | 200 | 714 | -.267 | .103 | .027 | -.600 | 200 | 928 | .347 | .098 | .635 | .069 |
| 200 | 565 | -.366 | .065 | -.186 | -.674 | 200 | 715 | -.567 | .100 | -.257 | -.956 | 200 | 929 | -.330 | .076 | .108 | -.573 |
| 200 | 566 | -.067 | .043 | .096 | -.225 | 200 | 716 | -.526 | .111 | -.231 | -.975 | 200 | 930 | -.472 | .083 | -.228 | -.770 |
| 200 | 567 | -.022 | .067 | .218 | -.272 | 200 | 717 | -.217 | .265 | .623 | -1.075 | 200 | 931 | -.457 | .074 | -.184 | -.806 |
| 200 | 568 | -.029 | .190 | .457 | -.838 | 200 | 718 | -.166 | .284 | .593 | -.999 | 200 | 932 | -.296 | .087 | .107 | -.599 |
| 200 | 569 | -.115 | .178 | .428 | -.905 | 200 | 719 | -.125 | .265 | .586 | -1.051 | 200 | 933 | -.438 | .072 | -.200 | -.655 |
| 200 | 570 | -.488 | .105 | -.216 | -.942 | 200 | 720 | .065 | .223 | .677 | -.802 | 200 | 934 | -.253 | .079 | .043 | -.636 |
| 200 | 571 | -.611 | .103 | -.317 | -1.021 | 200 | 721 | -.026 | .236 | .640 | -.995 | 200 | 935 | -.449 | .080 | -.220 | -.889 |
| 200 | 572 | -.562 | .103 | -.265 | -1.064 | 200 | 722 | .129 | .166 | .621 | -.705 | 200 | 936 | -.431 | .070 | -.207 | -.650 |
| 200 | 573 | -.540 | .098 | -.248 | -1.016 | 200 | 723 | .101 | .151 | .539 | -.398 | 200 | 937 | -.305 | .071 | -.056 | -.535 |
| 200 | 574 | -.570 | .110 | -.213 | -1.106 | 200 | 724 | .080 | .112 | .422 | -.369 | 200 | 938 | -.453 | .079 | -.194 | -.809 |
| 200 | 575 | -.565 | .110 | -.267 | -1.151 | 200 | 725 | -.325 | .047 | -.161 | -.515 | 200 | 939 | -.444 | .073 | -.215 | -.845 |
| 200 | 576 | -.415 | .096 | -.015 | -.773 | 200 | 726 | -.356 | .052 | -.177 | -.555 | 200 | 940 | -.280 | .072 | .062 | -.594 |
| 200 | 577 | -.305 | .064 | -.122 | -.587 | 200 | 727 | -.479 | .104 | -.236 | -.951 | 200 | 941 | -.438 | .075 | -.118 | -.790 |
| 200 | 578 | -.195 | .056 | -.017 | -.470 | 200 | 728 | -.487 | .109 | -.148 | -.865 | 200 | 942 | -.457 | .078 | -.238 | -.797 |
| 200 | 579 | -.027 | .061 | .185 | -.305 | 200 | 729 | -.426 | .100 | -.159 | -.781 | 220 | 101 | -.298 | .062 | -.129 | -.602 |
| 200 | 580 | .067 | .084 | .329 | -.260 | 200 | 730 | -1.083 | .302 | -.267 | -2.576 | 220 | 102 | -.304 | .058 | -.128 | -.530 |
| 200 | 581 | .129 | .091 | .447 | -.253 | 200 | 731 | -.407 | .096 | -.113 | -.759 | 220 | 103 | -.330 | .052 | -.158 | -.513 |
| 200 | 582 | .016 | .163 | .522 | -.646 | 200 | 732 | -.230 | .105 | .065 | -.648 | 220 | 104 | -.332 | .052 | -.147 | -.550 |
| 200 | 583 | .060 | .140 | .439 | -.512 | 200 | 733 | -.528 | .141 | -.106 | -1.033 | 220 | 105 | -.334 | .047 | -.187 | -.503 |
| 200 | 584 | -.000 | .159 | .462 | -.573 | 200 | 734 | -.310 | .138 | .150 | -.780 | 220 | 106 | -.308 | .047 | -.138 | -.452 |
| 200 | 585 | -.287 | .061 | -.076 | -.546 | 200 | 735 | .180 | .097 | .607 | -.139 | 220 | 107 | -.323 | .065 | -.102 | -.966 |
| 200 | 586 | -.203 | .053 | .046 | -.433 | 200 | 736 | -.424 | .112 | -.152 | -1.057 | 220 | 108 | -.317 | .056 | -.122 | -.737 |
| 200 | 587 | -.068 | .049 | .156 | -.257 | 200 | 901 | .330 | .123 | .824 | -.043 | 220 | 109 | -.296 | .050 | -.136 | -.529 |
| 200 | 588 | .109 | .065 | .344 | -.210 | 200 | 902 | .306 | .106 | .740 | -.028 | 220 | 110 | -.304 | .047 | -.133 | -.512 |
| 200 | 589 | .071 | .142 | .428 | -.512 | 200 | 903 | .206 | .081 | .677 | .020 | 220 | 111 | -.312 | .045 | -.156 | -.497 |
| 200 | 590 | .032 | .149 | .457 | -.501 | 200 | 904 | -.046 | .063 | .293 | -.330 | 220 | 112 | -.310 | .045 | -.158 | -.504 |
| 200 | 591 | -.317 | .063 | -.142 | -.596 | 200 | 905 | -.151 | .075 | .101 | -.419 | 220 | 113 | -.354 | .057 | -.166 | -.822 |
| 200 | 592 | -.216 | .052 | -.022 | -.409 | 200 | 906 | -.059 | .067 | .203 | -.352 | 220 | 114 | -.346 | .051 | -.187 | -.624 |
| 200 | 593 | -.143 | .047 | .004 | -.326 | 200 | 907 | -.064 | .056 | .166 | -.254 | 220 | 115 | -.328 | .044 | -.172 | -.561 |
| 200 | 594 | .097 | .058 | .329 | -.107 | 200 | 908 | -.313 | .071 | -.138 | -.616 | 220 | 116 | -.321 | .042 | -.188 | -.475 |
| 200 | 595 | .119 | .104 | .482 | -.305 | 200 | 909 | -.102 | .069 | .106 | -.446 | 220 | 117 | -.323 | .042 | -.185 | -.469 |
| 200 | 596 | .109 | .097 | .414 | -.188 | 200 | 910 | -.123 | .061 | .069 | -.468 | 220 | 118 | -.301 | .040 | -.177 | -.461 |
| 200 | 597 | .298 | .096 | .711 | -.133 | 200 | 911 | -.012 | .050 | .156 | -.172 | 220 | 119 | -.430 | .066 | -.222 | -.802 |
| 200 | 598 | .260 | .088 | .633 | -.070 | 200 | 912 | -.003 | .047 | .180 | -.151 | 220 | 120 | -.421 | .062 | -.221 | -.754 |
| 200 | 599 | .328 | .092 | .761 | .121 | 200 | 913 | .042 | .063 | .265 | -.222 | 220 | 121 | -.380 | .054 | -.206 | -.585 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 220 | 122 | -.376 | .051 | -.212 | -.562 | 220 | 172 | -.543 | .099 | -.294 | -.956 | 220 | 244 | -.195 | .049 | -.035 | -.385 |
| 220 | 123 | -.392 | .056 | -.237 | -.589 | 220 | 173 | -.456 | .086 | -.168 | -.749 | 220 | 245 | -.200 | .059 | -.017 | -.599 |
| 220 | 124 | -.401 | .062 | -.233 | -.667 | 220 | 174 | -.488 | .089 | -.218 | -.819 | 220 | 246 | -.185 | .056 | .003 | -.465 |
| 220 | 125 | -.471 | .094 | -.239 | -.940 | 220 | 175 | -.382 | .093 | .047 | -.711 | 220 | 247 | -.172 | .049 | .019 | -.366 |
| 220 | 126 | -.477 | .091 | -.266 | -.905 | 220 | 176 | -.422 | .090 | -.134 | -.754 | 220 | 248 | -.189 | .060 | -.023 | -.496 |
| 220 | 127 | -.457 | .082 | -.278 | -1.309 | 220 | 177 | -.270 | .093 | .025 | -.625 | 220 | 249 | -.180 | .057 | .056 | -.521 |
| 220 | 128 | -.401 | .059 | -.235 | -.706 | 220 | 178 | -.411 | .107 | -.039 | -.805 | 220 | 250 | -.691 | .122 | -.340 | -1.157 |
| 220 | 129 | -.394 | .055 | -.212 | -.610 | 220 | 201 | -.332 | .048 | -.156 | -.495 | 220 | 251 | -.712 | .130 | -.351 | -1.184 |
| 220 | 130 | -.409 | .056 | -.224 | -.636 | 220 | 202 | -.328 | .046 | -.180 | -.491 | 220 | 252 | -.671 | .113 | -.381 | -1.077 |
| 220 | 131 | -.480 | .075 | -.281 | -.793 | 220 | 203 | -.338 | .050 | -.129 | -.527 | 220 | 253 | -.604 | .098 | -.313 | -.926 |
| 220 | 132 | -.512 | .082 | -.290 | -.885 | 220 | 204 | -.326 | .055 | -.123 | -.561 | 220 | 254 | -.587 | .101 | -.318 | -.917 |
| 220 | 133 | -.368 | .067 | -.095 | -.599 | 220 | 205 | -.292 | .055 | -.126 | -.673 | 220 | 255 | -.620 | .109 | -.339 | -1.039 |
| 220 | 134 | -.337 | .064 | -.100 | -.621 | 220 | 206 | -.300 | .062 | -.107 | -.622 | 220 | 256 | -.635 | .111 | -.366 | -1.193 |
| 220 | 135 | -.371 | .069 | -.198 | -.644 | 220 | 207 | -.315 | .045 | -.183 | -.485 | 220 | 257 | -.615 | .099 | -.348 | -1.052 |
| 220 | 136 | -.383 | .072 | -.188 | -.804 | 220 | 208 | -.320 | .044 | -.190 | -.494 | 220 | 258 | -.472 | .112 | -.196 | -1.035 |
| 220 | 137 | -.429 | .076 | -.213 | -.773 | 220 | 209 | -.325 | .045 | -.170 | -.490 | 220 | 259 | -.353 | .081 | -.152 | -.720 |
| 220 | 138 | -.426 | .083 | -.206 | -.785 | 220 | 210 | -.313 | .048 | -.124 | -.517 | 220 | 260 | -.349 | .104 | -.101 | -.811 |
| 220 | 139 | -.513 | .100 | -.256 | -.961 | 220 | 211 | -.309 | .056 | -.117 | -.608 | 220 | 261 | -.306 | .110 | .101 | -.791 |
| 220 | 140 | -.634 | .147 | -.286 | -1.458 | 220 | 212 | -.313 | .061 | -.106 | -.649 | 220 | 262 | -.700 | .138 | -.314 | -1.165 |
| 220 | 141 | -.176 | .050 | -.018 | -.414 | 220 | 213 | -.328 | .041 | -.177 | -.465 | 220 | 263 | -.712 | .143 | -.320 | -1.191 |
| 220 | 142 | -.187 | .048 | -.040 | -.402 | 220 | 214 | -.322 | .038 | -.193 | -.487 | 220 | 264 | -.675 | .129 | -.379 | -1.110 |
| 220 | 143 | -.238 | .046 | -.107 | -.430 | 220 | 215 | -.343 | .039 | -.215 | -.497 | 220 | 265 | -.597 | .114 | -.323 | -.991 |
| 220 | 144 | -.273 | .052 | -.122 | -.476 | 220 | 216 | -.351 | .041 | -.225 | -.506 | 220 | 266 | -.569 | .121 | -.247 | -.959 |
| 220 | 145 | -.531 | .116 | -.204 | -1.138 | 220 | 217 | -.344 | .048 | -.153 | -.514 | 220 | 267 | -.551 | .120 | -.258 | -1.114 |
| 220 | 146 | -.652 | .132 | -.293 | -1.455 | 220 | 218 | -.349 | .055 | -.159 | -.590 | 220 | 268 | -.581 | .120 | -.241 | -1.119 |
| 220 | 147 | -.169 | .051 | .021 | -.546 | 220 | 219 | -.372 | .047 | -.211 | -.571 | 220 | 269 | -.353 | .113 | -.131 | -.901 |
| 220 | 148 | -.171 | .045 | .018 | -.336 | 220 | 220 | -.368 | .047 | -.224 | -.558 | 220 | 270 | -.354 | .111 | -.144 | -.906 |
| 220 | 149 | -.196 | .037 | -.031 | -.313 | 220 | 221 | -.383 | .048 | -.237 | -.679 | 220 | 271 | -.331 | .078 | -.140 | -.684 |
| 220 | 150 | -.223 | .043 | -.076 | -.373 | 220 | 222 | -.379 | .047 | -.220 | -.743 | 220 | 272 | -.292 | .087 | -.039 | -.786 |
| 220 | 151 | -.430 | .101 | -.129 | -.921 | 220 | 223 | -.402 | .054 | -.191 | -.611 | 220 | 273 | -.233 | .077 | -.021 | -.724 |
| 220 | 152 | -.614 | .158 | -.183 | -1.222 | 220 | 224 | -.414 | .058 | -.165 | -.664 | 220 | 274 | -.223 | .072 | -.036 | -.658 |
| 220 | 153 | -.220 | .059 | -.055 | -.532 | 220 | 225 | -.454 | .070 | -.254 | -.798 | 220 | 275 | -.283 | .106 | -.101 | -.734 |
| 220 | 154 | -.195 | .050 | -.049 | -.388 | 220 | 226 | -.449 | .078 | -.272 | -.860 | 220 | 276 | -.342 | .126 | -.131 | -1.261 |
| 220 | 155 | -.199 | .057 | -.043 | -.477 | 220 | 227 | -.493 | .100 | -.292 | -1.113 | 220 | 277 | -.318 | .067 | -.060 | -.565 |
| 220 | 156 | -.190 | .050 | -.026 | -.412 | 220 | 228 | -.478 | .080 | -.269 | -.891 | 220 | 278 | -.245 | .050 | -.059 | -.509 |
| 220 | 157 | -.516 | .096 | -.264 | -.858 | 220 | 229 | -.462 | .082 | -.242 | -.827 | 220 | 279 | -.145 | .051 | .024 | -.370 |
| 220 | 158 | -.517 | .099 | -.278 | -.930 | 220 | 230 | -.477 | .088 | -.262 | -.985 | 220 | 280 | -.176 | .050 | -.014 | -.443 |
| 220 | 159 | -.493 | .099 | -.237 | -.993 | 220 | 231 | -.616 | .127 | -.267 | -1.048 | 220 | 301 | .326 | .113 | .656 | -.402 |
| 220 | 160 | -.499 | .076 | -.295 | -.775 | 220 | 232 | -.586 | .120 | -.267 | -1.055 | 220 | 302 | .246 | .102 | .599 | -.318 |
| 220 | 161 | -.496 | .076 | -.290 | -.778 | 220 | 233 | -.587 | .099 | -.245 | -.977 | 220 | 303 | .116 | .079 | .424 | -.172 |
| 220 | 162 | -.488 | .078 | -.286 | -.788 | 220 | 234 | -.554 | .094 | -.249 | -1.206 | 220 | 304 | .003 | .062 | .246 | -.205 |
| 220 | 163 | -.550 | .108 | -.248 | -1.013 | 220 | 235 | -.523 | .095 | -.258 | -1.031 | 220 | 305 | -.102 | .048 | .101 | -.277 |
| 220 | 164 | -.605 | .134 | -.297 | -1.144 | 220 | 236 | -.448 | .077 | -.178 | -.770 | 220 | 306 | -.196 | .039 | -.062 | -.346 |
| 220 | 165 | -.299 | .112 | .077 | -.699 | 220 | 237 | -.346 | .059 | -.131 | -.667 | 220 | 307 | .441 | .124 | .803 | -.362 |
| 220 | 166 | -.384 | .109 | -.085 | -.797 | 220 | 238 | -.340 | .064 | -.124 | -.613 | 220 | 308 | .389 | .107 | .714 | -.238 |
| 220 | 167 | -.107 | .083 | .168 | -.503 | 220 | 239 | -.639 | .146 | -.255 | -1.449 | 220 | 309 | .231 | .081 | .483 | -.092 |
| 220 | 168 | -.211 | .136 | .088 | -.768 | 220 | 240 | -.641 | .139 | -.249 | -1.296 | 220 | 310 | .108 | .071 | .376 | -.168 |
| 220 | 169 | -.161 | .115 | .111 | -.736 | 220 | 241 | -.635 | .169 | -.267 | -1.355 | 220 | 311 | -.060 | .047 | .111 | -.257 |
| 220 | 170 | -.530 | .096 | -.303 | -.944 | 220 | 242 | -.579 | .152 | -.222 | -1.243 | 220 | 312 | -.147 | .036 | -.017 | -.295 |
| 220 | 171 | -.546 | .100 | -.295 | -.969 | 220 | 243 | -.370 | .110 | .007 | -.836 | 220 | 313 | .490 | .138 | .829 | -.131 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 220 | 314 | .472 | .124 | .784 | -.039 | 220 | 365 | -.488 | .102 | -.161 | -.869 | 220 | 507 | -.107 | .040 | .044 | -.264 |
| 220 | 315 | .345 | .096 | .643 | .090 | 220 | 366 | -.488 | .095 | -.190 | -.849 | 220 | 508 | -.053 | .046 | .116 | -.193 |
| 220 | 316 | .214 | .073 | .472 | .019 | 220 | 367 | -.517 | .093 | -.215 | -1.000 | 220 | 509 | .092 | .067 | .329 | -.169 |
| 220 | 317 | -.074 | .042 | .071 | -.209 | 220 | 368 | -.685 | .128 | -.213 | -1.125 | 220 | 510 | .205 | .084 | .460 | -.084 |
| 220 | 318 | -.228 | .035 | -.106 | -.350 | 220 | 369 | -.593 | .116 | -.242 | -1.145 | 220 | 511 | .400 | .125 | .737 | -.332 |
| 220 | 319 | .447 | .137 | .896 | -.145 | 220 | 370 | -.617 | .118 | -.264 | -1.044 | 220 | 512 | .410 | .173 | .858 | -.279 |
| 220 | 320 | .432 | .119 | .809 | -.076 | 220 | 371 | -.604 | .164 | -.028 | -1.134 | 220 | 513 | -.166 | .035 | -.061 | -.295 |
| 220 | 321 | .306 | .089 | .622 | .058 | 220 | 372 | -.628 | .132 | -.239 | -1.300 | 220 | 514 | -.060 | .042 | .121 | -.171 |
| 220 | 322 | .134 | .066 | .404 | -.054 | 220 | 373 | -.453 | .184 | .313 | -1.022 | 220 | 515 | .192 | .075 | .426 | -.038 |
| 220 | 323 | -.120 | .038 | .034 | -.232 | 220 | 374 | .185 | .135 | .672 | -.335 | 220 | 516 | .362 | .102 | .663 | .062 |
| 220 | 324 | -.261 | .039 | -.127 | -.392 | 220 | 375 | .205 | .100 | .635 | -.300 | 220 | 517 | .500 | .142 | .909 | -.122 |
| 220 | 325 | .427 | .154 | .920 | -.162 | 220 | 376 | .127 | .120 | .547 | -.373 | 220 | 518 | .514 | .164 | .955 | -.193 |
| 220 | 326 | .400 | .130 | .845 | -.063 | 220 | 377 | -.009 | .119 | .455 | -.443 | 220 | 519 | -.216 | .040 | -.075 | -.353 |
| 220 | 327 | .399 | .150 | .790 | -.166 | 220 | 378 | -.235 | .118 | .123 | -.689 | 220 | 520 | -.119 | .048 | .056 | -.272 |
| 220 | 328 | .388 | .128 | .738 | -.196 | 220 | 379 | -.399 | .124 | -.056 | -.849 | 220 | 521 | .168 | .073 | .402 | -.041 |
| 220 | 329 | .384 | .139 | .783 | -.162 | 220 | 380 | .154 | .136 | .635 | -.419 | 220 | 522 | .339 | .104 | .633 | .030 |
| 220 | 330 | .370 | .120 | .750 | -.072 | 220 | 381 | .181 | .095 | .586 | -.225 | 220 | 523 | .475 | .138 | .848 | -.063 |
| 220 | 331 | .267 | .097 | .661 | -.012 | 220 | 382 | .089 | .130 | .569 | -.438 | 220 | 524 | .494 | .161 | .909 | -.074 |
| 220 | 332 | .092 | .073 | .447 | -.118 | 220 | 383 | .136 | .098 | .565 | -.378 | 220 | 525 | .450 | .138 | .849 | -.107 |
| 220 | 333 | -.484 | .085 | -.263 | -.764 | 220 | 384 | .118 | .065 | .426 | -.009 | 220 | 526 | .462 | .163 | .909 | -.119 |
| 220 | 334 | -.443 | .073 | -.238 | -.723 | 220 | 385 | .023 | .060 | .275 | -.108 | 220 | 527 | .427 | .139 | .874 | -.075 |
| 220 | 336 | -.669 | .130 | -.228 | -1.189 | 220 | 386 | -.206 | .062 | .009 | -.402 | 220 | 528 | .428 | .163 | .923 | -.124 |
| 220 | 337 | -.489 | .089 | -.135 | -.786 | 220 | 387 | -.341 | .077 | -.067 | -.594 | 220 | 529 | -.383 | .058 | -.205 | -.598 |
| 220 | 338 | -.594 | .106 | -.208 | -.980 | 220 | 388 | .105 | .096 | .485 | -.711 | 220 | 530 | -.390 | .068 | -.176 | -.680 |
| 220 | 339 | -.618 | .110 | -.232 | -1.087 | 220 | 389 | .141 | .069 | .489 | -.234 | 220 | 531 | -.305 | .061 | -.118 | -.505 |
| 220 | 340 | -.602 | .105 | -.295 | -1.058 | 220 | 390 | .177 | .064 | .496 | .028 | 220 | 532 | .115 | .073 | .373 | -.080 |
| 220 | 341 | -.601 | .104 | -.307 | -1.069 | 220 | 391 | .045 | .072 | .380 | -.117 | 220 | 533 | .288 | .103 | .669 | .023 |
| 220 | 342 | -.594 | .104 | -.327 | -1.062 | 220 | 392 | -.205 | .059 | .064 | -.434 | 220 | 534 | .396 | .127 | .742 | .052 |
| 220 | 343 | -.336 | .115 | .271 | -.765 | 220 | 393 | -.359 | .082 | -.130 | -.710 | 220 | 535 | .411 | .169 | .935 | -.145 |
| 220 | 344 | -.114 | .125 | .355 | -.657 | 220 | 394 | .196 | .073 | .484 | -.061 | 220 | 536 | -.447 | .082 | -.224 | -.750 |
| 220 | 345 | -.357 | .112 | .049 | -.807 | 220 | 395 | .205 | .069 | .558 | .014 | 220 | 537 | -.533 | .105 | -.267 | -.966 |
| 220 | 346 | -.236 | .123 | .190 | -.714 | 220 | 396 | .233 | .081 | .587 | .001 | 220 | 538 | -.534 | .091 | -.235 | -.879 |
| 220 | 347 | .381 | .144 | .838 | -.126 | 220 | 397 | -.082 | .127 | .483 | -.502 | 220 | 539 | -.507 | .076 | -.293 | -.836 |
| 220 | 348 | .367 | .123 | .790 | -.123 | 220 | 398 | .000 | .088 | .337 | -.749 | 220 | 540 | -.480 | .090 | -.087 | -.800 |
| 220 | 349 | .274 | .117 | .646 | -.188 | 220 | 399 | -.036 | .064 | .268 | -.343 | 220 | 541 | -.510 | .089 | -.144 | -.835 |
| 220 | 350 | .118 | .101 | .445 | -.322 | 220 | 400 | -.073 | .050 | .186 | -.222 | 220 | 542 | -.531 | .094 | -.285 | -.924 |
| 220 | 351 | -.150 | .093 | .118 | -.599 | 220 | 401 | -.133 | .050 | .055 | -.318 | 220 | 543 | -.202 | .163 | .326 | -.731 |
| 220 | 352 | -.339 | .085 | -.101 | -.819 | 220 | 402 | -.210 | .063 | -.044 | -.518 | 220 | 544 | -.353 | .129 | .110 | -.776 |
| 220 | 353 | .368 | .140 | .760 | -.055 | 220 | 403 | -.047 | .098 | .401 | -.402 | 220 | 545 | -.047 | .106 | .366 | -.542 |
| 220 | 354 | .355 | .122 | .757 | .045 | 220 | 404 | -.023 | .097 | .412 | -.346 | 220 | 546 | -.207 | .106 | .192 | -.580 |
| 220 | 355 | .302 | .155 | .739 | -.179 | 220 | 405 | .030 | .044 | .265 | -.084 | 220 | 547 | .052 | .094 | .454 | -.241 |
| 220 | 356 | .296 | .126 | .728 | -.056 | 220 | 406 | -.049 | .038 | .195 | -.146 | 220 | 548 | -.023 | .081 | .354 | -.476 |
| 220 | 357 | .204 | .092 | .537 | -.017 | 220 | 407 | -.160 | .047 | .002 | -.335 | 220 | 549 | -.248 | .081 | -.027 | -.597 |
| 220 | 358 | .048 | .068 | .331 | -.140 | 220 | 408 | -.237 | .071 | -.086 | -.487 | 220 | 550 | -.166 | .093 | .097 | -.618 |
| 220 | 359 | -.223 | .057 | .011 | -.467 | 220 | 501 | -.158 | .040 | -.031 | -.313 | 220 | 551 | .140 | .107 | .431 | -.386 |
| 220 | 360 | -.382 | .072 | -.175 | -.679 | 220 | 502 | -.076 | .060 | .220 | -.266 | 220 | 552 | .289 | .117 | .645 | -.296 |
| 220 | 361 | .256 | .144 | .820 | -.426 | 220 | 503 | -.013 | .060 | .234 | -.198 | 220 | 553 | .376 | .126 | .774 | -.202 |
| 220 | 362 | .269 | .124 | .798 | -.108 | 220 | 504 | .071 | .072 | .284 | -.170 | 220 | 554 | .332 | .141 | .771 | -.114 |
| 220 | 363 | .205 | .099 | .595 | -.011 | 220 | 505 | .242 | .104 | .564 | -.096 | 220 | 555 | .366 | .117 | .749 | .052 |
| 220 | 364 | .047 | .073 | .385 | -.129 | 220 | 506 | .291 | .143 | .677 | -.438 | 220 | 556 | .369 | .137 | .796 | -.140 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 220 | 557 | -.266 | .055 | -.051 | -.473 | 220 | 707 | -.297 | .046 | -.147 | -.445 | 220 | 921 | .146 | .082 | .437 | -.075 |
| 220 | 558 | -.214 | .052 | .028 | -.392 | 220 | 708 | -.327 | .046 | -.164 | -.477 | 220 | 922 | .266 | .100 | .605 | -.016 |
| 220 | 559 | .083 | .065 | .385 | -.136 | 220 | 709 | -.410 | .056 | -.233 | -.638 | 220 | 923 | .286 | .100 | .609 | -.157 |
| 220 | 560 | .225 | .092 | .599 | -.011 | 220 | 710 | -.465 | .086 | -.220 | -.824 | 220 | 924 | .317 | .096 | .625 | -.107 |
| 220 | 561 | .318 | .126 | .757 | -.142 | 220 | 711 | -.749 | .207 | -.038 | -1.601 | 220 | 925 | .311 | .097 | .648 | .009 |
| 220 | 562 | .260 | .145 | .745 | -.304 | 220 | 712 | -.505 | .099 | -.256 | -1.076 | 220 | 926 | .261 | .093 | .578 | -.014 |
| 220 | 563 | -.411 | .073 | -.195 | -.710 | 220 | 713 | -.525 | .112 | -.240 | -1.191 | 220 | 927 | .149 | .075 | .442 | -.084 |
| 220 | 564 | -.394 | .073 | -.174 | -.687 | 220 | 714 | -.069 | .087 | .195 | -.470 | 220 | 928 | .212 | .074 | .466 | -.022 |
| 220 | 565 | -.292 | .059 | -.097 | -.541 | 220 | 715 | -.550 | .109 | -.289 | -.983 | 220 | 929 | -.478 | .072 | -.248 | -.723 |
| 220 | 566 | .078 | .075 | .383 | -.202 | 220 | 716 | -.399 | .108 | -.092 | -.873 | 220 | 930 | -.555 | .082 | -.272 | -.866 |
| 220 | 567 | .172 | .104 | .662 | -.148 | 220 | 717 | .505 | .140 | .859 | .056 | 220 | 931 | -.546 | .076 | -.266 | -.826 |
| 220 | 568 | .294 | .114 | .738 | -.026 | 220 | 718 | .557 | .144 | .958 | .078 | 220 | 932 | -.449 | .079 | -.173 | -.753 |
| 220 | 569 | .282 | .128 | .777 | -.217 | 220 | 719 | .441 | .156 | .868 | .001 | 220 | 933 | -.532 | .079 | -.236 | -.829 |
| 220 | 570 | -.489 | .091 | -.243 | -.856 | 220 | 720 | .458 | .141 | .900 | .037 | 220 | 934 | -.398 | .106 | -.006 | -.807 |
| 220 | 571 | -.568 | .095 | -.302 | -.900 | 220 | 721 | .294 | .143 | .790 | -.215 | 220 | 935 | -.391 | .104 | -.103 | -.736 |
| 220 | 572 | -.479 | .114 | .035 | -.898 | 220 | 722 | .245 | .122 | .772 | -.105 | 220 | 936 | -.530 | .086 | -.240 | -.833 |
| 220 | 573 | -.493 | .091 | -.097 | -.855 | 220 | 723 | .177 | .079 | .530 | -.141 | 220 | 937 | -.181 | .065 | -.003 | -.418 |
| 220 | 574 | -.480 | .122 | .081 | -1.007 | 220 | 724 | .177 | .077 | .429 | -.239 | 220 | 938 | -.341 | .087 | -.067 | -.666 |
| 220 | 575 | -.516 | .103 | -.207 | -.981 | 220 | 725 | -.305 | .044 | -.168 | -.512 | 220 | 939 | -.519 | .075 | -.256 | -.826 |
| 220 | 576 | -.214 | .123 | .147 | -.688 | 220 | 726 | -.314 | .042 | -.147 | -.484 | 220 | 940 | -.068 | .062 | .114 | -.389 |
| 220 | 577 | -.278 | .098 | -.054 | -.723 | 220 | 727 | -.430 | .072 | -.221 | -.701 | 220 | 941 | -.332 | .077 | -.096 | -.646 |
| 220 | 578 | -.169 | .098 | .093 | -.645 | 220 | 728 | -.595 | .102 | -.322 | -1.004 | 220 | 942 | -.457 | .074 | -.203 | -.807 |
| 220 | 579 | .002 | .103 | .346 | -.416 | 220 | 729 | -.431 | .087 | -.188 | -.848 | 240 | 101 | -.359 | .088 | -.097 | -1.138 |
| 220 | 580 | .211 | .098 | .616 | -.217 | 220 | 730 | -.703 | .120 | -.315 | -1.334 | 240 | 102 | -.352 | .078 | -.096 | -1.070 |
| 220 | 581 | .271 | .103 | .726 | -.020 | 220 | 731 | -.570 | .090 | -.314 | -.903 | 240 | 103 | -.345 | .057 | -.146 | -.793 |
| 220 | 582 | .277 | .112 | .735 | -.238 | 220 | 732 | -.399 | .155 | .013 | -.988 | 240 | 104 | -.348 | .060 | -.136 | -.658 |
| 220 | 583 | .224 | .102 | .627 | -.107 | 220 | 733 | -.741 | .132 | -.375 | -1.236 | 240 | 105 | -.332 | .049 | -.170 | -.503 |
| 220 | 584 | .249 | .116 | .650 | -.181 | 220 | 734 | -.621 | .131 | -.266 | -1.125 | 240 | 106 | -.314 | .054 | -.141 | -.543 |
| 220 | 585 | -.213 | .054 | -.003 | -.421 | 220 | 735 | -.028 | .104 | .393 | -.486 | 240 | 107 | -.389 | .091 | -.134 | -1.295 |
| 220 | 586 | -.130 | .048 | .059 | -.293 | 220 | 736 | -.328 | .124 | -.114 | -.922 | 240 | 108 | -.372 | .078 | -.124 | -1.110 |
| 220 | 587 | -.035 | .054 | .183 | -.188 | 220 | 901 | .052 | .148 | .590 | -.530 | 240 | 109 | -.320 | .053 | -.136 | -.555 |
| 220 | 588 | .201 | .088 | .531 | .002 | 220 | 902 | .039 | .138 | .503 | -.542 | 240 | 110 | -.319 | .049 | -.166 | -.509 |
| 220 | 589 | .233 | .108 | .796 | -.179 | 220 | 903 | .021 | .054 | .261 | -.134 | 240 | 111 | -.311 | .050 | -.165 | -.571 |
| 220 | 590 | .232 | .109 | .786 | -.216 | 220 | 904 | -.214 | .053 | -.060 | -.521 | 240 | 112 | -.313 | .050 | -.174 | -.580 |
| 220 | 591 | -.236 | .059 | -.050 | -.440 | 220 | 905 | -.294 | .071 | -.040 | -.549 | 240 | 113 | -.394 | .074 | -.212 | -.754 |
| 220 | 592 | -.088 | .050 | .116 | -.295 | 220 | 906 | -.150 | .072 | .095 | -.469 | 240 | 114 | -.381 | .068 | -.209 | -.692 |
| 220 | 593 | -.078 | .051 | .138 | -.299 | 220 | 907 | -.129 | .049 | .070 | -.320 | 240 | 115 | -.315 | .048 | -.172 | -.541 |
| 220 | 594 | .161 | .087 | .556 | -.046 | 220 | 908 | -.386 | .071 | -.145 | -.687 | 240 | 116 | -.296 | .045 | -.142 | -.474 |
| 220 | 595 | .173 | .102 | .579 | -.278 | 220 | 909 | -.202 | .068 | .021 | -.500 | 240 | 117 | -.294 | .044 | -.146 | -.483 |
| 220 | 596 | .233 | .100 | .588 | -.123 | 220 | 910 | -.221 | .065 | .013 | -.527 | 240 | 118 | -.290 | .045 | -.129 | -.445 |
| 220 | 597 | .260 | .098 | .661 | .047 | 220 | 911 | .120 | .080 | .442 | -.089 | 240 | 119 | -.411 | .073 | -.224 | -.798 |
| 220 | 598 | .225 | .089 | .609 | -.050 | 220 | 912 | .142 | .079 | .489 | -.077 | 240 | 120 | -.404 | .068 | -.233 | -.791 |
| 220 | 599 | .291 | .082 | .636 | .116 | 220 | 913 | .222 | .102 | .624 | -.032 | 240 | 121 | -.346 | .053 | -.201 | -.603 |
| 220 | 600 | .210 | .070 | .511 | .050 | 220 | 914 | .221 | .100 | .510 | -.077 | 240 | 122 | -.333 | .049 | -.183 | -.539 |
| 220 | 701 | -.211 | .060 | -.033 | -.466 | 220 | 915 | .219 | .098 | .510 | -.091 | 240 | 123 | -.342 | .053 | -.173 | -.581 |
| 220 | 702 | -.303 | .071 | -.050 | -1.035 | 220 | 916 | .256 | .094 | .542 | -.086 | 240 | 124 | -.348 | .058 | -.151 | -.636 |
| 220 | 703 | -.371 | .060 | -.158 | -.679 | 220 | 917 | .215 | .099 | .734 | -.020 | 240 | 125 | -.439 | .076 | -.220 | -.850 |
| 220 | 704 | -.483 | .098 | -.257 | -.974 | 220 | 918 | .095 | .084 | .576 | -.162 | 240 | 126 | -.449 | .073 | -.236 | -.762 |
| 220 | 705 | -.382 | .067 | -.102 | -.670 | 220 | 919 | .102 | .082 | .481 | -.128 | 240 | 127 | -.420 | .062 | -.226 | -.926 |
| 220 | 706 | -.185 | .059 | .002 | -.474 | 220 | 920 | .220 | .083 | .567 | -.038 | 240 | 128 | -.362 | .054 | -.184 | -.603 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 240 | 129 | -.352 | .052 | -.186 | -.564 | 240 | 201 | -.274 | .046 | -.131 | -.456 | 240 | 251 | -.492 | .107 | -.250 | -1.125 |
| 240 | 130 | -.364 | .053 | -.195 | -.566 | 240 | 202 | -.268 | .045 | -.129 | -.437 | 240 | 252 | -.492 | .097 | -.253 | -.931 |
| 240 | 131 | -.527 | .131 | -.249 | -1.083 | 240 | 203 | -.265 | .047 | -.106 | -.438 | 240 | 253 | -.409 | .072 | -.226 | -.999 |
| 240 | 132 | -.549 | .126 | -.268 | -1.085 | 240 | 204 | -.262 | .055 | -.111 | -.858 | 240 | 254 | -.421 | .065 | -.265 | -.786 |
| 240 | 133 | -.399 | .069 | -.185 | -.709 | 240 | 205 | -.282 | .060 | -.083 | -.859 | 240 | 255 | -.421 | .062 | -.227 | -.708 |
| 240 | 134 | -.363 | .069 | -.116 | -.647 | 240 | 206 | -.293 | .068 | -.050 | -.876 | 240 | 256 | -.441 | .067 | -.268 | -.660 |
| 240 | 135 | -.343 | .067 | -.113 | -.678 | 240 | 207 | -.254 | .042 | -.114 | -.401 | 240 | 257 | -.449 | .062 | -.270 | -.786 |
| 240 | 136 | -.349 | .058 | -.187 | -.569 | 240 | 208 | -.263 | .041 | -.123 | -.415 | 240 | 258 | -.499 | .080 | -.257 | -.833 |
| 240 | 137 | -.456 | .078 | -.221 | -.827 | 240 | 209 | -.264 | .042 | -.134 | -.420 | 240 | 259 | -.447 | .075 | -.260 | -.708 |
| 240 | 138 | -.446 | .082 | -.218 | -.844 | 240 | 210 | -.248 | .047 | -.097 | -.717 | 240 | 260 | -.473 | .077 | -.237 | -.779 |
| 240 | 139 | -.476 | .112 | -.148 | -.921 | 240 | 211 | -.285 | .055 | -.077 | -.632 | 240 | 261 | -.455 | .075 | -.235 | -.757 |
| 240 | 140 | -.694 | .177 | -.214 | -1.322 | 240 | 212 | -.309 | .060 | -.106 | -.580 | 240 | 262 | -.648 | .104 | -.408 | -1.005 |
| 240 | 141 | -.234 | .066 | -.037 | -.512 | 240 | 213 | -.277 | .042 | -.148 | -.408 | 240 | 263 | -.599 | .102 | -.366 | -.986 |
| 240 | 142 | -.229 | .055 | -.047 | -.472 | 240 | 214 | -.268 | .043 | -.126 | -.437 | 240 | 264 | -.629 | .098 | -.357 | -1.121 |
| 240 | 143 | -.219 | .043 | -.077 | -.373 | 240 | 215 | -.287 | .042 | -.148 | -.480 | 240 | 265 | -.578 | .089 | -.328 | -.977 |
| 240 | 144 | -.204 | .052 | -.052 | -.429 | 240 | 216 | -.291 | .044 | -.125 | -.442 | 240 | 266 | -.573 | .087 | -.316 | -.984 |
| 240 | 145 | -.398 | .106 | -.056 | -.806 | 240 | 217 | -.281 | .052 | -.109 | -.479 | 240 | 267 | -.480 | .083 | -.266 | -.878 |
| 240 | 146 | -.521 | .136 | -.200 | -1.167 | 240 | 218 | -.286 | .055 | -.109 | -.610 | 240 | 268 | -.527 | .094 | -.311 | -.915 |
| 240 | 147 | -.187 | .069 | .019 | -.449 | 240 | 219 | -.325 | .042 | -.200 | -.490 | 240 | 269 | -.596 | .164 | -.196 | -1.297 |
| 240 | 148 | -.177 | .054 | -.004 | -.389 | 240 | 220 | -.327 | .041 | -.182 | -.470 | 240 | 270 | -.594 | .165 | -.200 | -1.285 |
| 240 | 149 | -.159 | .036 | -.028 | -.290 | 240 | 221 | -.335 | .043 | -.206 | -.498 | 240 | 271 | -.467 | .105 | -.187 | -.792 |
| 240 | 150 | -.140 | .044 | .009 | -.310 | 240 | 222 | -.329 | .047 | -.167 | -.508 | 240 | 272 | -.369 | .067 | -.139 | -.622 |
| 240 | 151 | -.273 | .086 | .026 | -.642 | 240 | 223 | -.342 | .054 | -.182 | -.566 | 240 | 273 | -.323 | .065 | -.078 | -.581 |
| 240 | 152 | -.449 | .148 | -.016 | -1.049 | 240 | 224 | -.359 | .057 | -.184 | -.602 | 240 | 274 | -.317 | .067 | -.064 | -.635 |
| 240 | 153 | -.371 | .092 | -.138 | -.841 | 240 | 225 | -.361 | .049 | -.223 | -.527 | 240 | 275 | -.545 | .138 | -.158 | -1.020 |
| 240 | 154 | -.334 | .089 | -.128 | -.693 | 240 | 226 | -.344 | .047 | -.201 | -.506 | 240 | 276 | -.602 | .159 | -.198 | -1.203 |
| 240 | 155 | -.356 | .127 | -.045 | -.936 | 240 | 227 | -.354 | .045 | -.222 | -.519 | 240 | 277 | -.375 | .089 | -.093 | -.713 |
| 240 | 156 | -.351 | .111 | -.028 | -.840 | 240 | 228 | -.364 | .045 | -.197 | -.533 | 240 | 278 | -.267 | .062 | -.041 | -.527 |
| 240 | 157 | -.485 | .123 | -.090 | -.989 | 240 | 229 | -.386 | .051 | -.206 | -.603 | 240 | 279 | -.207 | .063 | .082 | -.440 |
| 240 | 158 | -.548 | .131 | .044 | -.990 | 240 | 230 | -.398 | .052 | -.233 | -.601 | 240 | 280 | -.263 | .074 | .085 | -.499 |
| 240 | 159 | -.535 | .145 | -.075 | -1.189 | 240 | 231 | -.435 | .062 | -.227 | -.743 | 240 | 301 | -.430 | .140 | .214 | -.909 |
| 240 | 160 | -.305 | .092 | .060 | -.605 | 240 | 232 | -.400 | .052 | -.268 | -.574 | 240 | 302 | -.375 | .157 | .134 | -.858 |
| 240 | 161 | -.435 | .105 | -.090 | -.810 | 240 | 233 | -.455 | .068 | -.262 | -.865 | 240 | 303 | -.067 | .050 | .089 | -.312 |
| 240 | 162 | -.315 | .091 | -.049 | -.642 | 240 | 234 | -.419 | .063 | -.235 | -.700 | 240 | 304 | -.136 | .039 | -.010 | -.303 |
| 240 | 163 | -.345 | .106 | -.049 | -.765 | 240 | 235 | -.416 | .062 | -.244 | -.667 | 240 | 305 | -.174 | .036 | -.059 | -.302 |
| 240 | 164 | -.321 | .109 | -.001 | -1.000 | 240 | 236 | -.401 | .059 | -.224 | -.676 | 240 | 306 | -.224 | .038 | -.092 | -.354 |
| 240 | 165 | -.129 | .129 | .350 | -.576 | 240 | 237 | -.396 | .067 | -.187 | -.972 | 240 | 307 | -.361 | .171 | .313 | -.934 |
| 240 | 166 | -.293 | .132 | .093 | -.774 | 240 | 238 | -.387 | .064 | -.167 | -.713 | 240 | 308 | -.339 | .200 | .304 | -.855 |
| 240 | 167 | .009 | .063 | .221 | -.225 | 240 | 239 | -.475 | .092 | -.259 | -.875 | 240 | 309 | -.038 | .052 | .233 | -.274 |
| 240 | 168 | -.038 | .074 | .173 | -.443 | 240 | 240 | -.470 | .081 | -.256 | -.811 | 240 | 310 | -.079 | .047 | .134 | -.212 |
| 240 | 169 | -.012 | .075 | .260 | -.361 | 240 | 241 | -.454 | .083 | -.255 | -.846 | 240 | 311 | -.159 | .036 | -.023 | -.275 |
| 240 | 170 | -.285 | .099 | .001 | -.610 | 240 | 242 | -.411 | .079 | -.194 | -.817 | 240 | 312 | -.171 | .038 | -.055 | -.285 |
| 240 | 171 | -.304 | .100 | -.008 | -.644 | 240 | 243 | -.392 | .068 | -.219 | -.662 | 240 | 313 | -.332 | .173 | .352 | -.861 |
| 240 | 172 | -.313 | .099 | -.022 | -.661 | 240 | 244 | -.352 | .078 | -.084 | -.747 | 240 | 314 | -.337 | .192 | .426 | -.977 |
| 240 | 173 | -.209 | .135 | .226 | -.594 | 240 | 245 | -.278 | .090 | -.073 | -.906 | 240 | 315 | .028 | .066 | .265 | -.408 |
| 240 | 174 | -.245 | .131 | .093 | -.719 | 240 | 246 | -.259 | .081 | -.058 | -.727 | 240 | 316 | -.006 | .038 | .138 | -.114 |
| 240 | 175 | -.082 | .096 | .200 | -.450 | 240 | 247 | -.306 | .100 | -.052 | -.816 | 240 | 317 | -.185 | .033 | -.062 | -.280 |
| 240 | 176 | -.113 | .105 | .157 | -.617 | 240 | 248 | -.251 | .099 | .001 | -.781 | 240 | 318 | -.260 | .039 | -.140 | -.372 |
| 240 | 177 | .050 | .103 | .445 | -.302 | 240 | 249 | -.244 | .092 | .000 | -.768 | 240 | 319 | -.365 | .176 | .229 | -1.031 |
| 240 | 178 | -.113 | .118 | .263 | -.663 | 240 | 250 | -.473 | .102 | -.223 | -1.299 | 240 | 320 | -.367 | .191 | .357 | -.938 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 240 | 321 | -.011 | .076 | .240 | -.511 | 240 | 372 | -.530 | .080 | -.270 | -.941 | 240 | 514 | .167 | .072 | .400 | -.043 |
| 240 | 322 | -.054 | .035 | .084 | -.224 | 240 | 373 | -.517 | .075 | -.273 | -.954 | 240 | 515 | .458 | .105 | .740 | .160 |
| 240 | 323 | -.234 | .031 | -.116 | -.334 | 240 | 374 | -.105 | .143 | .364 | -.628 | 240 | 516 | .607 | .121 | .921 | .255 |
| 240 | 324 | -.309 | .037 | -.176 | -.437 | 240 | 375 | .034 | .091 | .351 | -.498 | 240 | 517 | .604 | .124 | .913 | .169 |
| 240 | 325 | -.371 | .176 | .340 | -1.048 | 240 | 376 | -.095 | .124 | .289 | -.556 | 240 | 518 | .420 | .140 | .819 | -.021 |
| 240 | 326 | -.313 | .187 | .337 | -1.044 | 240 | 377 | -.147 | .073 | .125 | -.413 | 240 | 519 | -.064 | .057 | .169 | -.222 |
| 240 | 327 | -.336 | .157 | .408 | -1.038 | 240 | 378 | -.307 | .074 | -.096 | -.573 | 240 | 520 | .095 | .079 | .398 | -.114 |
| 240 | 328 | -.329 | .179 | .445 | -1.101 | 240 | 379 | -.421 | .076 | -.184 | -.750 | 240 | 521 | .397 | .104 | .758 | .092 |
| 240 | 329 | -.340 | .202 | .384 | -1.097 | 240 | 380 | -.120 | .134 | .282 | -.635 | 240 | 522 | .537 | .124 | .948 | .171 |
| 240 | 330 | -.186 | .199 | .383 | -.912 | 240 | 381 | .002 | .093 | .272 | -.397 | 240 | 523 | .513 | .126 | .857 | .121 |
| 240 | 331 | -.035 | .080 | .216 | -.499 | 240 | 382 | -.132 | .120 | .213 | -.634 | 240 | 524 | .371 | .136 | .785 | -.050 |
| 240 | 332 | -.075 | .050 | .111 | -.297 | 240 | 383 | -.047 | .099 | .321 | -.400 | 240 | 525 | .501 | .133 | .891 | .142 |
| 240 | 333 | -.459 | .081 | -.236 | -.820 | 240 | 384 | -.001 | .051 | .241 | -.129 | 240 | 526 | .364 | .142 | .774 | -.137 |
| 240 | 334 | -.424 | .063 | -.251 | -.645 | 240 | 385 | -.081 | .038 | .084 | -.209 | 240 | 527 | .477 | .135 | .912 | .128 |
| 240 | 336 | -.533 | .118 | -.264 | -1.060 | 240 | 386 | -.275 | .044 | -.132 | -.488 | 240 | 528 | .369 | .140 | .816 | -.053 |
| 240 | 337 | -.470 | .080 | -.254 | -.781 | 240 | 387 | -.367 | .055 | -.228 | -.570 | 240 | 529 | -.244 | .069 | .090 | -.614 |
| 240 | 338 | -.435 | .080 | -.246 | -.819 | 240 | 388 | -.044 | .097 | .324 | -.410 | 240 | 530 | -.202 | .089 | .168 | -.528 |
| 240 | 339 | -.462 | .071 | -.283 | -.833 | 240 | 389 | .006 | .076 | .326 | -.216 | 240 | 531 | -.095 | .086 | .217 | -.381 |
| 240 | 340 | -.455 | .065 | -.274 | -.716 | 240 | 390 | .083 | .067 | .380 | -.088 | 240 | 532 | .340 | .097 | .648 | .059 |
| 240 | 341 | -.455 | .066 | -.267 | -.727 | 240 | 391 | -.042 | .047 | .163 | -.182 | 240 | 533 | .510 | .128 | .861 | .140 |
| 240 | 342 | -.442 | .065 | -.254 | -.746 | 240 | 392 | -.270 | .047 | -.116 | -.449 | 240 | 534 | .440 | .127 | .832 | .085 |
| 240 | 343 | -.470 | .085 | -.172 | -.825 | 240 | 393 | -.397 | .063 | -.221 | -.641 | 240 | 535 | .334 | .142 | .732 | -.117 |
| 240 | 344 | -.378 | .106 | -.034 | -.698 | 240 | 394 | .062 | .086 | .382 | -.173 | 240 | 536 | -.297 | .078 | .004 | -.566 |
| 240 | 345 | -.476 | .080 | -.272 | -.781 | 240 | 395 | .086 | .099 | .687 | -.166 | 240 | 537 | -.500 | .147 | .064 | -.920 |
| 240 | 346 | -.426 | .086 | -.075 | -.714 | 240 | 396 | .171 | .103 | .745 | -.085 | 240 | 538 | -.248 | .187 | .365 | -.819 |
| 240 | 347 | -.241 | .209 | .313 | -1.072 | 240 | 397 | -.171 | .097 | .121 | -.636 | 240 | 539 | -.427 | .121 | .066 | -.835 |
| 240 | 348 | .035 | .124 | .417 | -.475 | 240 | 398 | -.087 | .075 | .203 | -.445 | 240 | 540 | -.390 | .105 | .116 | -.747 |
| 240 | 349 | -.075 | .128 | .262 | -.758 | 240 | 399 | -.104 | .050 | .057 | -.309 | 240 | 541 | -.392 | .100 | .081 | -.758 |
| 240 | 350 | -.128 | .066 | .082 | -.368 | 240 | 400 | -.133 | .034 | -.001 | -.288 | 240 | 542 | -.400 | .102 | -.074 | -.817 |
| 240 | 351 | -.275 | .067 | -.080 | -.584 | 240 | 401 | -.247 | .050 | -.077 | -.450 | 240 | 543 | -.022 | .166 | .475 | -.559 |
| 240 | 352 | -.376 | .078 | -.161 | -.822 | 240 | 402 | -.377 | .071 | -.163 | -.682 | 240 | 544 | -.149 | .164 | .423 | -.811 |
| 240 | 353 | -.244 | .217 | .311 | -1.069 | 240 | 403 | -.091 | .063 | .136 | -.412 | 240 | 545 | -.022 | .090 | .414 | -.313 |
| 240 | 354 | -.108 | .208 | .343 | -.860 | 240 | 404 | -.055 | .066 | .224 | -.290 | 240 | 546 | -.036 | .074 | .254 | -.380 |
| 240 | 355 | -.201 | .155 | .330 | -.719 | 240 | 405 | -.029 | .044 | .186 | -.148 | 240 | 547 | .132 | .097 | .527 | -.212 |
| 240 | 356 | -.168 | .181 | .300 | -.702 | 240 | 406 | -.105 | .032 | .074 | -.188 | 240 | 548 | .096 | .090 | .547 | -.151 |
| 240 | 357 | -.010 | .056 | .196 | -.213 | 240 | 407 | -.275 | .043 | -.144 | -.429 | 240 | 549 | -.083 | .122 | .262 | -.751 |
| 240 | 358 | -.114 | .040 | .079 | -.251 | 240 | 408 | -.396 | .069 | -.187 | -.669 | 240 | 550 | .094 | .138 | .448 | -.565 |
| 240 | 359 | -.273 | .042 | -.131 | -.453 | 240 | 501 | -.052 | .054 | .135 | -.228 | 240 | 551 | .337 | .130 | .718 | -.226 |
| 240 | 360 | -.349 | .052 | -.183 | -.588 | 240 | 502 | .128 | .083 | .392 | -.160 | 240 | 552 | .446 | .123 | .878 | -.153 |
| 240 | 361 | -.193 | .153 | .378 | -.812 | 240 | 503 | .157 | .084 | .482 | -.109 | 240 | 553 | .446 | .123 | .891 | .123 |
| 240 | 362 | -.097 | .151 | .334 | -.652 | 240 | 504 | .251 | .100 | .576 | -.095 | 240 | 554 | .417 | .125 | .876 | .061 |
| 240 | 363 | -.002 | .054 | .257 | -.187 | 240 | 505 | .403 | .113 | .732 | .068 | 240 | 555 | .443 | .130 | .839 | .126 |
| 240 | 364 | -.094 | .042 | .120 | -.224 | 240 | 506 | .403 | .118 | .800 | .002 | 240 | 556 | .381 | .132 | .852 | .025 |
| 240 | 365 | -.479 | .076 | -.271 | -.797 | 240 | 507 | .031 | .058 | .240 | -.146 | 240 | 557 | -.036 | .071 | .295 | -.239 |
| 240 | 366 | -.471 | .074 | -.290 | -.724 | 240 | 508 | .150 | .089 | .477 | -.171 | 240 | 558 | .081 | .077 | .420 | -.114 |
| 240 | 367 | -.451 | .069 | -.280 | -.711 | 240 | 509 | .310 | .101 | .612 | -.085 | 240 | 559 | .286 | .099 | .668 | .040 |
| 240 | 368 | -.591 | .105 | -.351 | -.956 | 240 | 510 | .425 | .114 | .777 | -.028 | 240 | 560 | .389 | .119 | .809 | .099 |
| 240 | 369 | -.543 | .090 | -.316 | -.889 | 240 | 511 | .532 | .120 | .854 | .155 | 240 | 561 | .402 | .136 | .817 | .057 |
| 240 | 370 | -.528 | .077 | -.300 | -.855 | 240 | 512 | .466 | .132 | .912 | .056 | 240 | 562 | .339 | .142 | .823 | -.100 |
| 240 | 371 | -.551 | .085 | -.307 | -.921 | 240 | 513 | -.022 | .051 | .164 | -.161 | 240 | 563 | -.167 | .077 | .064 | -.440 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 240 | 564 | -.139 | .081 | .116 | -.427 | 240 | 714 | .027 | .077 | .363 | -.239 | 240 | 928 | .062 | .062 | .280 | -.179 |
| 240 | 565 | -.051 | .088 | .316 | -.336 | 240 | 715 | -.351 | .110 | .005 | -.772 | 240 | 929 | -.498 | .080 | -.237 | -.754 |
| 240 | 566 | .283 | .106 | .638 | .050 | 240 | 716 | -.166 | .137 | .207 | -.773 | 240 | 930 | -.515 | .081 | -.280 | -.794 |
| 240 | 567 | .376 | .122 | .821 | .076 | 240 | 717 | .134 | .170 | .589 | -.809 | 240 | 931 | -.498 | .083 | -.250 | -.816 |
| 240 | 568 | .381 | .118 | .827 | .095 | 240 | 718 | -.212 | .291 | .539 | -1.576 | 240 | 932 | -.454 | .087 | -.200 | -.785 |
| 240 | 569 | .298 | .127 | .757 | -.044 | 240 | 719 | -.298 | .274 | .494 | -1.255 | 240 | 933 | -.473 | .078 | -.217 | -.855 |
| 240 | 570 | -.281 | .106 | .107 | -.675 | 240 | 720 | .070 | .176 | .554 | -.836 | 240 | 934 | -.482 | .078 | -.115 | -.758 |
| 240 | 571 | -.304 | .102 | .156 | -.743 | 240 | 721 | -.112 | .243 | .609 | -1.175 | 240 | 935 | -.502 | .082 | -.224 | -.864 |
| 240 | 572 | -.055 | .177 | .473 | -.630 | 240 | 722 | .132 | .118 | .518 | -.442 | 240 | 936 | -.511 | .118 | -.059 | -.970 |
| 240 | 573 | -.206 | .149 | .450 | -.654 | 240 | 723 | .062 | .106 | .505 | -.328 | 240 | 937 | -.393 | .078 | -.055 | -.731 |
| 240 | 574 | -.123 | .127 | .266 | -.661 | 240 | 724 | .048 | .084 | .471 | -.175 | 240 | 938 | -.359 | .087 | -.103 | -.666 |
| 240 | 575 | -.121 | .111 | .199 | -.594 | 240 | 725 | -.258 | .045 | -.113 | -.396 | 240 | 939 | -.468 | .089 | -.130 | -.751 |
| 240 | 576 | .131 | .114 | .639 | -.297 | 240 | 726 | -.312 | .043 | -.131 | -.442 | 240 | 940 | -.237 | .072 | .025 | -.532 |
| 240 | 577 | -.241 | .112 | .173 | -.702 | 240 | 727 | -.363 | .049 | -.213 | -.542 | 240 | 941 | -.205 | .073 | -.015 | -.473 |
| 240 | 578 | -.181 | .125 | .169 | -.627 | 240 | 728 | -.455 | .070 | -.294 | -.736 | 240 | 942 | -.362 | .075 | -.040 | -.654 |
| 240 | 579 | -.043 | .159 | .398 | -.729 | 240 | 729 | -.457 | .071 | -.242 | -.715 | 260 | 101 | -.402 | .156 | .089 | -1.112 |
| 240 | 580 | .238 | .133 | .596 | -.459 | 240 | 730 | -.479 | .095 | -.273 | -.821 | 260 | 102 | -.394 | .146 | .062 | -1.117 |
| 240 | 581 | .334 | .115 | .766 | .030 | 240 | 731 | -.426 | .062 | -.245 | -.733 | 260 | 103 | -.446 | .138 | -.046 | -1.258 |
| 240 | 582 | .327 | .117 | .805 | .023 | 240 | 732 | -.518 | .083 | -.292 | -.865 | 260 | 104 | -.433 | .103 | -.161 | -1.072 |
| 240 | 583 | .310 | .113 | .747 | .033 | 240 | 733 | -.587 | .099 | -.339 | -.979 | 260 | 105 | -.418 | .082 | -.175 | -.828 |
| 240 | 584 | .300 | .123 | .729 | -.072 | 240 | 734 | -.556 | .089 | -.333 | -1.036 | 260 | 106 | -.402 | .091 | -.154 | -1.141 |
| 240 | 585 | -.048 | .062 | .154 | -.284 | 240 | 735 | -.109 | .095 | .215 | -.551 | 260 | 107 | -.431 | .159 | .025 | -1.234 |
| 240 | 586 | -.009 | .049 | .169 | -.165 | 240 | 736 | -.609 | .141 | -.237 | -1.286 | 260 | 108 | -.403 | .132 | .079 | -.978 |
| 240 | 587 | .061 | .045 | .220 | -.062 | 240 | 901 | -.023 | .078 | .435 | -.329 | 260 | 109 | -.411 | .136 | .024 | -1.160 |
| 240 | 588 | .132 | .064 | .425 | -.012 | 240 | 902 | -.032 | .072 | .298 | -.403 | 260 | 110 | -.401 | .096 | -.081 | -1.036 |
| 240 | 589 | .140 | .108 | .602 | -.142 | 240 | 903 | -.093 | .038 | .069 | -.226 | 260 | 111 | -.392 | .090 | -.159 | -.949 |
| 240 | 590 | .143 | .111 | .612 | -.160 | 240 | 904 | -.270 | .054 | -.134 | -.606 | 260 | 112 | -.390 | .088 | -.170 | -.961 |
| 240 | 591 | .031 | .091 | .315 | -.283 | 240 | 905 | -.396 | .064 | -.200 | -.724 | 260 | 113 | -.485 | .197 | .003 | -1.526 |
| 240 | 592 | .099 | .095 | .437 | -.141 | 240 | 906 | -.232 | .079 | .018 | -.540 | 260 | 114 | -.459 | .170 | .011 | -1.253 |
| 240 | 593 | .048 | .080 | .364 | -.208 | 240 | 907 | -.248 | .052 | -.085 | -.546 | 260 | 115 | -.377 | .119 | -.037 | -1.192 |
| 240 | 594 | .143 | .068 | .521 | -.098 | 240 | 908 | -.394 | .061 | -.224 | -.655 | 260 | 116 | -.357 | .105 | -.113 | -1.080 |
| 240 | 595 | .127 | .088 | .614 | -.112 | 240 | 909 | -.341 | .072 | -.086 | -.831 | 260 | 117 | -.345 | .091 | -.110 | -.819 |
| 240 | 596 | .096 | .073 | .393 | -.089 | 240 | 910 | -.355 | .071 | -.174 | -.908 | 260 | 118 | -.346 | .097 | -.108 | -1.101 |
| 240 | 597 | .211 | .114 | .678 | -.072 | 240 | 911 | .307 | .114 | .818 | .011 | 260 | 119 | -.467 | .182 | .025 | -1.315 |
| 240 | 598 | .158 | .106 | .506 | -.122 | 240 | 912 | .351 | .113 | .835 | .090 | 260 | 120 | -.448 | .159 | .067 | -1.209 |
| 240 | 599 | .184 | .096 | .547 | -.038 | 240 | 913 | .438 | .125 | .947 | .093 | 260 | 121 | -.414 | .136 | .048 | -1.056 |
| 240 | 600 | .108 | .073 | .498 | -.079 | 240 | 914 | .201 | .100 | .537 | -.164 | 260 | 122 | -.403 | .119 | -.062 | -1.068 |
| 240 | 701 | -.365 | .124 | -.066 | -1.078 | 240 | 915 | .199 | .083 | .484 | -.088 | 260 | 123 | -.399 | .106 | -.102 | -.971 |
| 240 | 702 | -.385 | .107 | -.050 | -1.444 | 240 | 916 | .259 | .075 | .498 | .001 | 260 | 124 | -.394 | .109 | -.102 | -.971 |
| 240 | 703 | -.362 | .080 | -.088 | -.734 | 240 | 917 | .012 | .062 | .255 | -.256 | 260 | 125 | -.409 | .156 | -.004 | -1.124 |
| 240 | 704 | -.432 | .075 | -.191 | -.762 | 240 | 918 | -.022 | .056 | .168 | -.207 | 260 | 126 | -.420 | .143 | -.031 | -.932 |
| 240 | 705 | -.409 | .073 | -.170 | -.732 | 240 | 919 | -.023 | .057 | .175 | -.214 | 260 | 127 | -.469 | .151 | .018 | -1.238 |
| 240 | 706 | -.215 | .091 | .059 | -.866 | 240 | 920 | .380 | .102 | .755 | .121 | 260 | 128 | -.482 | .153 | -.115 | -1.442 |
| 240 | 707 | -.310 | .053 | -.081 | -.566 | 240 | 921 | .330 | .101 | .684 | .040 | 260 | 129 | -.472 | .165 | -.150 | -1.476 |
| 240 | 708 | -.289 | .047 | -.130 | -.476 | 240 | 922 | .456 | .140 | 1.017 | .091 | 260 | 130 | -.484 | .166 | -.166 | -1.499 |
| 240 | 709 | -.369 | .053 | -.206 | -.561 | 240 | 923 | .157 | .108 | .482 | -.217 | 260 | 131 | -.723 | .217 | -.192 | -1.719 |
| 240 | 710 | -.442 | .085 | -.137 | -.755 | 240 | 924 | .210 | .094 | .535 | -.080 | 260 | 132 | -.735 | .201 | -.179 | -1.736 |
| 240 | 711 | -.542 | .186 | .001 | -1.329 | 240 | 925 | .197 | .086 | .479 | -.141 | 260 | 133 | -.266 | .081 | -.076 | -.770 |
| 240 | 712 | -.768 | .221 | -.236 | -1.630 | 240 | 926 | -.033 | .083 | .241 | -.525 | 260 | 134 | -.237 | .073 | -.078 | -.566 |
| 240 | 713 | -.298 | .089 | -.042 | -.810 | 240 | 927 | .010 | .060 | .214 | -.217 | 260 | 135 | -.235 | .071 | -.072 | -.550 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|
| 260 | 136 | -.264 | .071 | -.105 | -.592 |
| 260 | 137 | -.479 | .132 | -.150 | -1.079 |
| 260 | 138 | -.530 | .140 | -.178 | -1.211 |
| 260 | 139 | -.326 | .083 | -.097 | -.838 |
| 260 | 140 | -.439 | .129 | -.112 | -1.120 |
| 260 | 141 | -.152 | .062 | .043 | -.435 |
| 260 | 142 | -.146 | .051 | .033 | -.373 |
| 260 | 143 | -.139 | .035 | -.041 | -.313 |
| 260 | 144 | -.127 | .038 | -.001 | -.310 |
| 260 | 145 | -.245 | .086 | -.023 | -.590 |
| 260 | 146 | -.329 | .108 | -.062 | -.859 |
| 260 | 147 | -.145 | .064 | .038 | -.394 |
| 260 | 148 | -.132 | .049 | .035 | -.303 |
| 260 | 149 | -.109 | .033 | .030 | -.230 |
| 260 | 150 | -.075 | .037 | .105 | -.225 |
| 260 | 151 | -.113 | .059 | .099 | -.379 |
| 260 | 152 | -.194 | .089 | .057 | -.662 |
| 260 | 153 | -.260 | .120 | -.081 | -1.002 |
| 260 | 154 | -.236 | .105 | -.049 | -.764 |
| 260 | 155 | -.255 | .127 | -.021 | -1.104 |
| 260 | 156 | -.243 | .109 | -.028 | -.839 |
| 260 | 157 | -.253 | .164 | .291 | -.807 |
| 260 | 158 | -.325 | .183 | .257 | -1.000 |
| 260 | 159 | -.296 | .175 | .266 | -1.066 |
| 260 | 160 | .001 | .125 | .394 | -.600 |
| 260 | 161 | -.233 | .176 | .279 | -.893 |
| 260 | 162 | -.096 | .118 | .373 | -.549 |
| 260 | 163 | -.182 | .131 | .235 | -.588 |
| 260 | 164 | -.122 | .116 | .232 | -.640 |
| 260 | 165 | -.022 | .106 | .327 | -.411 |
| 260 | 166 | -.074 | .110 | .245 | -.647 |
| 260 | 167 | .056 | .076 | .395 | -.217 |
| 260 | 168 | .015 | .067 | .268 | -.322 |
| 260 | 169 | .059 | .078 | .384 | -.240 |
| 260 | 170 | -.111 | .113 | .312 | -.469 |
| 260 | 171 | -.162 | .122 | .294 | -.611 |
| 260 | 172 | -.189 | .130 | .297 | -.701 |
| 260 | 173 | .042 | .110 | .383 | -.345 |
| 260 | 174 | -.038 | .109 | .322 | -.550 |
| 260 | 175 | .067 | .063 | .408 | -.190 |
| 260 | 176 | .021 | .065 | .308 | -.370 |
| 260 | 177 | .114 | .075 | .472 | -.100 |
| 260 | 178 | .069 | .083 | .368 | -.411 |
| 260 | 201 | -.259 | .076 | .018 | -.730 |
| 260 | 202 | -.253 | .077 | .027 | -.721 |
| 260 | 203 | -.262 | .072 | -.025 | -.681 |
| 260 | 204 | -.292 | .077 | -.058 | -.800 |
| 260 | 205 | -.307 | .092 | -.013 | -.754 |
| 260 | 206 | -.318 | .102 | -.028 | -.816 |
| 260 | 207 | -.256 | .073 | -.003 | -.550 |
| 260 | 208 | -.259 | .072 | -.034 | -.593 |
| 260 | 209 | -.268 | .070 | -.055 | -.603 |
| 260 | 210 | -.264 | .070 | -.023 | -.618 |
| 260 | 211 | -.306 | .094 | .007 | -.861 |
| 260 | 212 | -.326 | .103 | 0.000 | -.895 |
| 260 | 213 | -.287 | .085 | .015 | -.829 |
| 260 | 214 | -.254 | .071 | -.004 | -.633 |
| 260 | 215 | -.262 | .064 | -.090 | -.676 |
| 260 | 216 | -.259 | .055 | -.090 | -.581 |
| 260 | 217 | -.284 | .073 | -.072 | -.752 |
| 260 | 218 | -.300 | .087 | -.040 | -.828 |
| 260 | 219 | -.281 | .088 | -.049 | -.839 |
| 260 | 220 | -.274 | .080 | -.031 | -.607 |
| 260 | 221 | -.263 | .059 | -.098 | -.584 |
| 260 | 222 | -.239 | .049 | -.072 | -.445 |
| 260 | 223 | -.288 | .074 | -.054 | -.669 |
| 260 | 224 | -.334 | .095 | -.044 | -.808 |
| 260 | 225 | -.274 | .079 | -.077 | -.690 |
| 260 | 226 | -.255 | .072 | -.076 | -.671 |
| 260 | 227 | -.262 | .062 | -.110 | -.552 |
| 260 | 228 | -.275 | .060 | -.080 | -.482 |
| 260 | 229 | -.317 | .082 | -.053 | -.678 |
| 260 | 230 | -.332 | .095 | -.091 | -.748 |
| 260 | 231 | -.322 | .093 | -.129 | -.978 |
| 260 | 232 | -.312 | .087 | -.120 | -.742 |
| 260 | 233 | -.366 | .110 | -.151 | -1.045 |
| 260 | 234 | -.329 | .107 | -.108 | -.850 |
| 260 | 235 | -.308 | .091 | -.095 | -.710 |
| 260 | 236 | -.283 | .073 | -.105 | -.611 |
| 260 | 237 | -.272 | .086 | -.074 | -.762 |
| 260 | 238 | -.255 | .079 | -.064 | -.638 |
| 260 | 239 | -.346 | .108 | -.093 | -.946 |
| 260 | 240 | -.351 | .104 | -.088 | -.863 |
| 260 | 241 | -.353 | .112 | -.108 | -.957 |
| 260 | 242 | -.310 | .098 | -.103 | -.919 |
| 260 | 243 | -.261 | .071 | -.078 | -.749 |
| 260 | 244 | -.238 | .083 | -.075 | -.645 |
| 260 | 245 | -.202 | .086 | .012 | -.656 |
| 260 | 246 | -.188 | .084 | .075 | -.573 |
| 260 | 247 | -.212 | .101 | -.025 | -.774 |
| 260 | 248 | -.183 | .086 | .049 | -.625 |
| 260 | 249 | -.195 | .091 | .067 | -.716 |
| 260 | 250 | -.320 | .114 | -.105 | -1.184 |
| 260 | 251 | -.326 | .120 | -.100 | -1.199 |
| 260 | 252 | -.330 | .111 | -.114 | -1.183 |
| 260 | 253 | -.311 | .094 | -.106 | -1.074 |
| 260 | 254 | -.297 | .077 | -.110 | -.703 |
| 260 | 255 | -.327 | .086 | -.124 | -.725 |
| 260 | 256 | -.352 | .102 | -.137 | -.846 |
| 260 | 257 | -.343 | .082 | -.151 | -.620 |
| 260 | 258 | -.363 | .097 | -.154 | -.906 |
| 260 | 259 | -.338 | .091 | -.142 | -.797 |
| 260 | 260 | -.345 | .096 | -.093 | -.806 |
| 260 | 261 | -.323 | .088 | -.063 | -.654 |
| 260 | 262 | -.478 | .146 | -.155 | -1.079 |
| 260 | 263 | -.426 | .142 | -.114 | -1.016 |
| 260 | 264 | -.469 | .122 | -.138 | -1.026 |
| 260 | 265 | -.433 | .106 | -.143 | -.920 |
| 260 | 266 | -.425 | .102 | -.137 | -.904 |
| 260 | 267 | -.384 | .109 | -.064 | -.879 |
| 260 | 268 | -.400 | .114 | -.153 | -.954 |
| 260 | 269 | -.356 | .125 | -.048 | -.923 |
| 260 | 270 | -.354 | .125 | -.045 | -.921 |
| 260 | 271 | -.265 | .084 | -.032 | -.623 |
| 260 | 272 | -.219 | .065 | -.005 | -.471 |
| 260 | 273 | -.198 | .059 | -.003 | -.538 |
| 260 | 274 | -.201 | .064 | -.002 | -.523 |
| 260 | 275 | -.271 | .115 | .020 | -.707 |
| 260 | 276 | -.328 | .116 | -.073 | -.769 |
| 260 | 277 | -.238 | .069 | -.063 | -.520 |
| 260 | 278 | -.177 | .054 | .031 | -.490 |
| 260 | 279 | -.115 | .064 | .102 | -.382 |
| 260 | 280 | -.145 | .069 | .070 | -.558 |
| 260 | 301 | -1.036 | .299 | -.326 | -2.070 |
| 260 | 302 | -.794 | .198 | -.308 | -1.434 |
| 260 | 303 | -.468 | .144 | -.044 | -1.047 |
| 260 | 304 | -.315 | .105 | -.045 | -.831 |
| 260 | 305 | -.243 | .072 | .033 | -.583 |
| 260 | 306 | -.255 | .069 | -.022 | -.563 |
| 260 | 307 | -1.052 | .294 | -.330 | -2.080 |
| 260 | 308 | -1.060 | .277 | -.343 | -1.983 |
| 260 | 309 | -.471 | .146 | -.130 | -1.084 |
| 260 | 310 | -.285 | .105 | -.038 | -.845 |
| 260 | 311 | -.235 | .064 | .013 | -.653 |
| 260 | 312 | -.209 | .061 | .018 | -.504 |
| 260 | 313 | -.718 | .163 | -.258 | -1.582 |
| 260 | 314 | -.740 | .168 | -.269 | -1.591 |
| 260 | 315 | -.672 | .216 | -.032 | -1.292 |
| 260 | 316 | -.364 | .198 | .133 | -1.040 |
| 260 | 317 | -.293 | .117 | .025 | -.874 |
| 260 | 318 | -.309 | .118 | -.005 | -1.003 |
| 260 | 319 | -.724 | .215 | -.218 | -1.942 |
| 260 | 320 | -.744 | .219 | -.211 | -1.835 |
| 260 | 321 | -.644 | .213 | -.065 | -1.690 |
| 260 | 322 | -.389 | .194 | .104 | -1.126 |
| 260 | 323 | -.308 | .135 | -.038 | -.899 |
| 260 | 324 | -.323 | .142 | -.040 | -.988 |
| 260 | 325 | -.721 | .230 | -.207 | -1.630 |
| 260 | 326 | -.661 | .227 | .066 | -1.588 |
| 260 | 327 | -.669 | .220 | -.178 | -1.717 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 260 | 328 | -.678 | 227 | -.091 | -1.707 | 260 | 379 | -.370 | .099 | -.138 | -.752 | 260 | 521 | .490 | .129 | .865 | .056 |
| 260 | 329 | -.657 | .235 | -.102 | -2.033 | 260 | 380 | -.457 | .190 | -.001 | -1.302 | 260 | 522 | .523 | .134 | .914 | .077 |
| 260 | 330 | -.588 | .231 | -.032 | -1.607 | 260 | 381 | -.281 | .143 | .032 | -.872 | 260 | 523 | .306 | .116 | .645 | -.163 |
| 260 | 331 | -.496 | .239 | .040 | -1.347 | 260 | 382 | -.341 | .113 | -.011 | -.890 | 260 | 524 | .061 | .107 | .444 | -.480 |
| 260 | 332 | -.299 | .158 | .063 | -.913 | 260 | 383 | -.270 | .109 | .090 | -.765 | 260 | 525 | .272 | .114 | .629 | -.087 |
| 260 | 333 | -.313 | .097 | -.097 | -.773 | 260 | 384 | -.149 | .062 | .064 | -.519 | 260 | 526 | .019 | .109 | .444 | -.361 |
| 260 | 334 | -.261 | .097 | -.049 | -.853 | 260 | 385 | -.166 | .048 | -.028 | -.439 | 260 | 527 | .252 | .116 | .703 | -.128 |
| 260 | 336 | -.353 | .120 | -.106 | -1.420 | 260 | 386 | -.265 | .059 | -.097 | -.542 | 260 | 528 | .043 | .108 | .423 | -.331 |
| 260 | 337 | -.329 | .097 | -.092 | -.926 | 260 | 387 | -.313 | .079 | -.110 | -.589 | 260 | 529 | -.151 | .114 | .266 | -.620 |
| 260 | 338 | -.295 | .095 | -.092 | -.762 | 260 | 388 | -.173 | .064 | .081 | -.695 | 260 | 530 | -.026 | .126 | .458 | -.488 |
| 260 | 339 | -.359 | .107 | -.150 | -.839 | 260 | 389 | -.158 | .067 | .061 | -.623 | 260 | 531 | .111 | .125 | .553 | -.341 |
| 260 | 340 | -.364 | .090 | -.178 | -.727 | 260 | 390 | -.082 | .071 | .163 | -.316 | 260 | 532 | .453 | .128 | 1.146 | .018 |
| 260 | 341 | -.367 | .092 | -.160 | -.726 | 260 | 391 | -.104 | .045 | .073 | -.295 | 260 | 533 | .506 | .138 | 1.017 | .128 |
| 260 | 342 | -.335 | .098 | -.131 | -.786 | 260 | 392 | -.224 | .055 | -.069 | -.497 | 260 | 534 | .242 | .119 | .624 | -.146 |
| 260 | 343 | -.351 | .095 | -.148 | -.764 | 260 | 393 | -.303 | .076 | -.125 | -.638 | 260 | 535 | .030 | .109 | .533 | -.407 |
| 260 | 344 | -.337 | .094 | -.108 | -.820 | 260 | 394 | -.119 | .099 | .158 | -.717 | 260 | 536 | -.185 | .117 | .218 | -.693 |
| 260 | 345 | -.350 | .091 | -.162 | -.733 | 260 | 395 | -.088 | .079 | .290 | -.703 | 260 | 537 | -.209 | .169 | .419 | -.820 |
| 260 | 346 | -.300 | .088 | .035 | -.722 | 260 | 396 | -.008 | .072 | .344 | -.253 | 260 | 538 | .071 | .109 | .537 | -.666 |
| 260 | 347 | -.905 | .320 | -.040 | -2.055 | 260 | 397 | -.222 | .073 | .001 | -.509 | 260 | 539 | .024 | .163 | .432 | -.655 |
| 260 | 348 | -.534 | .216 | .021 | -1.775 | 260 | 398 | -.175 | .055 | -.023 | -.489 | 260 | 540 | -.106 | .147 | .307 | -.606 |
| 260 | 349 | -.782 | .342 | .018 | -1.987 | 260 | 399 | -.158 | .039 | -.036 | -.319 | 260 | 541 | -.154 | .162 | .376 | -.641 |
| 260 | 350 | -.454 | .165 | -.065 | -1.146 | 260 | 400 | -.152 | .036 | -.033 | -.299 | 260 | 542 | -.196 | .136 | .368 | -.685 |
| 260 | 351 | -.364 | .119 | -.116 | -.988 | 260 | 401 | -.194 | .050 | -.043 | -.364 | 260 | 543 | -.086 | .125 | .318 | -.763 |
| 260 | 352 | -.353 | .106 | -.120 | -.911 | 260 | 402 | -.243 | .068 | -.051 | -.486 | 260 | 544 | -.065 | .123 | .444 | -.566 |
| 260 | 353 | -.923 | .316 | -.169 | -2.145 | 260 | 403 | -.168 | .058 | .028 | -.578 | 260 | 545 | .012 | .076 | .348 | -.259 |
| 260 | 354 | -.722 | .262 | -.038 | -1.856 | 260 | 404 | -.128 | .049 | .081 | -.335 | 260 | 546 | .038 | .074 | .451 | -.182 |
| 260 | 355 | -.610 | .173 | -.040 | -1.341 | 260 | 405 | -.105 | .038 | .086 | -.253 | 260 | 547 | .066 | .078 | .491 | -.143 |
| 260 | 356 | -.600 | .190 | -.059 | -1.489 | 260 | 406 | -.129 | .034 | .016 | -.256 | 260 | 548 | .093 | .075 | .545 | -.126 |
| 260 | 357 | -.294 | .131 | -.015 | -1.008 | 260 | 407 | -.195 | .049 | -.019 | -.380 | 260 | 549 | .029 | .216 | .588 | -.770 |
| 260 | 358 | -.221 | .055 | -.030 | -.482 | 260 | 408 | -.246 | .072 | -.001 | -.572 | 260 | 550 | .126 | .233 | .703 | -.752 |
| 260 | 359 | -.268 | .062 | -.110 | -.550 | 260 | 501 | .092 | .085 | .361 | -.178 | 260 | 551 | .330 | .222 | .865 | -.421 |
| 260 | 360 | -.295 | .071 | -.104 | -.631 | 260 | 502 | .241 | .089 | .506 | -.069 | 260 | 552 | .393 | .198 | .994 | -.406 |
| 260 | 361 | -.475 | .180 | -.074 | -1.266 | 260 | 503 | .283 | .096 | .543 | -.062 | 260 | 553 | .299 | .157 | .791 | -.306 |
| 260 | 362 | -.447 | .195 | .030 | -1.321 | 260 | 504 | .312 | .103 | .600 | -.078 | 260 | 554 | .143 | .153 | .705 | -.429 |
| 260 | 363 | -.241 | .135 | .030 | -.833 | 260 | 505 | .299 | .107 | .676 | -.132 | 260 | 555 | .249 | .158 | .673 | -.651 |
| 260 | 364 | -.188 | .065 | .059 | -.486 | 260 | 506 | .075 | .099 | .415 | -.259 | 260 | 556 | .049 | .163 | .606 | -.942 |
| 260 | 365 | -.377 | .105 | -.139 | -.742 | 260 | 507 | .187 | .092 | .460 | -.140 | 260 | 557 | .080 | .113 | .492 | -.248 |
| 260 | 366 | -.375 | .097 | -.148 | -.730 | 260 | 508 | .331 | .108 | .627 | .011 | 260 | 558 | .159 | .112 | .575 | -.086 |
| 260 | 367 | -.360 | .093 | -.151 | -.780 | 260 | 509 | .446 | .118 | .946 | .100 | 260 | 559 | .304 | .125 | .793 | .023 |
| 260 | 368 | -.453 | .131 | -.166 | -.966 | 260 | 510 | .480 | .117 | .809 | .139 | 260 | 560 | .312 | .138 | .820 | -.024 |
| 260 | 369 | -.411 | .108 | -.169 | -.833 | 260 | 511 | .389 | .118 | .742 | -.088 | 260 | 561 | .160 | .133 | .593 | -.212 |
| 260 | 370 | -.409 | .096 | -.152 | -.791 | 260 | 512 | .085 | .112 | .479 | -.300 | 260 | 562 | -.006 | .130 | .447 | -.461 |
| 260 | 371 | -.419 | .104 | -.161 | -.823 | 260 | 513 | .115 | .082 | .434 | -.191 | 260 | 563 | -.001 | .086 | .402 | -.260 |
| 260 | 372 | -.416 | .107 | -.168 | -.841 | 260 | 514 | .334 | .097 | .608 | .028 | 260 | 564 | .029 | .090 | .446 | -.253 |
| 260 | 373 | -.381 | .096 | -.023 | -.773 | 260 | 515 | .572 | .121 | .913 | .209 | 260 | 565 | .117 | .093 | .484 | -.161 |
| 260 | 374 | -.507 | .232 | -.038 | -1.478 | 260 | 516 | .611 | .123 | .942 | .228 | 260 | 566 | .343 | .137 | .849 | -.005 |
| 260 | 375 | -.433 | .277 | .047 | -1.747 | 260 | 517 | .370 | .106 | .691 | .033 | 260 | 567 | .353 | .153 | .973 | -.012 |
| 260 | 376 | -.431 | .180 | -.014 | -1.179 | 260 | 518 | .051 | .100 | .371 | -.283 | 260 | 568 | .194 | .115 | .678 | -.087 |
| 260 | 377 | -.278 | .079 | -.080 | -.667 | 260 | 519 | .061 | .090 | .369 | -.318 | 260 | 569 | .019 | .107 | .557 | -.316 |
| 260 | 378 | -.320 | .079 | -.124 | -.770 | 260 | 520 | .262 | .119 | .678 | -.098 | 260 | 570 | -.055 | .106 | .395 | -.476 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 260 | 571 | -.093 | .120 | .368 | -.482 | 260 | 721 | -.573 | .289 | .197 | -1.890 | 260 | 935 | -.540 | .108 | -.256 | -.978 |
| 260 | 572 | .065 | .096 | .390 | -.351 | 260 | 722 | -.375 | .299 | .307 | -1.621 | 260 | 936 | -.542 | .123 | -.190 | -1.043 |
| 260 | 573 | .067 | .117 | .441 | -.368 | 260 | 723 | -.233 | .113 | .135 | -.649 | 260 | 937 | -.433 | .114 | -.031 | -1.139 |
| 260 | 574 | .051 | .063 | .400 | -.302 | 260 | 724 | -.106 | .084 | .134 | -.640 | 260 | 938 | -.465 | .100 | .006 | -.832 |
| 260 | 575 | .060 | .062 | .363 | -.284 | 260 | 725 | -.260 | .071 | -.038 | -.606 | 260 | 939 | -.419 | .113 | -.094 | -.842 |
| 260 | 576 | .162 | .085 | .549 | -.106 | 260 | 726 | -.283 | .128 | .054 | -1.025 | 260 | 940 | -.360 | .112 | .042 | -.813 |
| 260 | 577 | -.206 | .159 | .352 | -1.161 | 260 | 727 | -.298 | .100 | -.088 | -1.079 | 260 | 941 | -.349 | .093 | .062 | -.701 |
| 260 | 578 | -.221 | .151 | .284 | -1.076 | 260 | 728 | -.355 | .104 | -.156 | -1.150 | 260 | 942 | -.285 | .108 | .050 | -.737 |
| 260 | 579 | -.216 | .135 | .349 | -.827 | 260 | 729 | -.333 | .085 | -.130 | -.744 | 280 | 101 | -.219 | .051 | .004 | -.647 |
| 260 | 580 | -.091 | .185 | .479 | -.875 | 260 | 730 | -.328 | .107 | -.123 | -.996 | 280 | 102 | -.209 | .048 | .001 | -.544 |
| 260 | 581 | .018 | .161 | .519 | -.667 | 260 | 731 | -.343 | .095 | -.131 | -.846 | 280 | 103 | -.252 | .062 | -.063 | -.701 |
| 260 | 582 | -.039 | .165 | .473 | -.831 | 260 | 732 | -.364 | .100 | -.149 | -.964 | 280 | 104 | -.383 | .104 | -.142 | -1.215 |
| 260 | 583 | -.006 | .117 | .391 | -.599 | 260 | 733 | -.475 | .151 | -.097 | -1.182 | 280 | 105 | -.780 | .199 | -.262 | -1.350 |
| 260 | 584 | -.066 | .137 | .535 | -.639 | 260 | 734 | -.432 | .125 | -.176 | -1.133 | 280 | 106 | -1.106 | .361 | -.324 | -2.370 |
| 260 | 585 | .017 | .054 | .317 | -.175 | 260 | 735 | -.151 | .063 | .059 | -.378 | 280 | 107 | -.241 | .051 | -.041 | -.430 |
| 260 | 586 | .021 | .045 | .237 | -.135 | 260 | 736 | -.349 | .126 | -.038 | -.746 | 280 | 108 | -.227 | .045 | -.028 | -.451 |
| 260 | 587 | .040 | .043 | .228 | -.145 | 260 | 901 | -.065 | .106 | .397 | -.414 | 280 | 109 | -.218 | .058 | -.068 | -.597 |
| 260 | 588 | .051 | .055 | .271 | -.129 | 260 | 902 | -.079 | .090 | .214 | -.517 | 280 | 110 | -.362 | .100 | -.112 | -.825 |
| 260 | 589 | -.060 | .057 | .220 | -.253 | 260 | 903 | -.122 | .049 | .110 | -.340 | 280 | 111 | -1.012 | .254 | -.351 | -1.982 |
| 260 | 590 | -.097 | .070 | .277 | -.318 | 260 | 904 | -.223 | .064 | -.043 | -.563 | 280 | 112 | -1.023 | .280 | -.377 | -2.118 |
| 260 | 591 | .113 | .077 | .370 | -.121 | 260 | 905 | -.304 | .076 | -.125 | -.586 | 280 | 113 | -.263 | .059 | -.060 | -.694 |
| 260 | 592 | .133 | .078 | .421 | -.099 | 260 | 906 | -.179 | .071 | .076 | -.471 | 280 | 114 | -.250 | .065 | -.001 | -.635 |
| 260 | 593 | .119 | .072 | .477 | -.116 | 260 | 907 | -.207 | .055 | -.053 | -.394 | 280 | 115 | -.273 | .146 | .026 | -1.017 |
| 260 | 594 | .020 | .076 | .346 | -.189 | 260 | 908 | -.286 | .073 | -.129 | -.610 | 280 | 116 | -.604 | .218 | .083 | -1.222 |
| 260 | 595 | .037 | .075 | .382 | -.177 | 260 | 909 | -.241 | .080 | -.046 | -.680 | 280 | 117 | -.779 | .158 | -.246 | -1.458 |
| 260 | 596 | .005 | .063 | .263 | -.259 | 260 | 910 | -.266 | .087 | -.060 | -.955 | 280 | 118 | -.740 | .150 | -.254 | -1.443 |
| 260 | 597 | -.038 | .097 | .360 | -.353 | 260 | 911 | .376 | .149 | .970 | -.319 | 280 | 119 | -.272 | .071 | -.026 | -1.159 |
| 260 | 598 | -.045 | .090 | .309 | -.428 | 260 | 912 | .394 | .153 | 1.020 | -.408 | 280 | 120 | -.262 | .075 | -.015 | -.996 |
| 260 | 599 | -.006 | .074 | .262 | -.264 | 260 | 913 | .409 | .167 | .957 | -.022 | 280 | 121 | -.285 | .161 | .009 | -1.087 |
| 260 | 600 | -.018 | .074 | .301 | -.304 | 260 | 914 | .151 | .108 | .552 | -.198 | 280 | 122 | -.583 | .219 | .016 | -1.304 |
| 260 | 701 | -.249 | .117 | -.004 | -.986 | 260 | 915 | .150 | .097 | .493 | -.130 | 280 | 123 | -.784 | .172 | -.320 | -1.551 |
| 260 | 702 | -.426 | .190 | -.009 | -1.466 | 260 | 916 | .150 | .098 | .610 | -.138 | 280 | 124 | -.780 | .173 | -.323 | -1.667 |
| 260 | 703 | -.436 | .178 | -.032 | -1.199 | 260 | 917 | -.222 | .146 | .086 | -.946 | 280 | 125 | -.255 | .052 | -.052 | -.507 |
| 260 | 704 | -.413 | .160 | -.035 | -1.180 | 260 | 918 | -.125 | .085 | .176 | -.540 | 280 | 126 | -.248 | .050 | -.055 | -.537 |
| 260 | 705 | -.286 | .093 | -.063 | -.917 | 260 | 919 | -.129 | .079 | .154 | -.479 | 280 | 127 | -.248 | .095 | -.020 | -.798 |
| 260 | 706 | -.162 | .077 | .074 | -.505 | 260 | 920 | .473 | .146 | .965 | .058 | 280 | 128 | -.463 | .228 | -.008 | -1.379 |
| 260 | 707 | -.399 | .086 | -.159 | -.847 | 260 | 921 | .436 | .138 | 1.013 | .075 | 280 | 129 | -.837 | .218 | -.299 | -1.684 |
| 260 | 708 | -.338 | .104 | -.089 | -.954 | 260 | 922 | .489 | .144 | 1.057 | .081 | 280 | 130 | -.851 | .220 | -.329 | -1.763 |
| 260 | 709 | -.491 | .174 | -.170 | -1.716 | 260 | 923 | .021 | .131 | .435 | -.438 | 280 | 131 | -.789 | .176 | -.182 | -1.538 |
| 260 | 710 | -.399 | .111 | -.069 | -.849 | 260 | 924 | .072 | .111 | .409 | -.321 | 280 | 132 | -.791 | .179 | -.234 | -1.624 |
| 260 | 711 | -.253 | .105 | .065 | -1.000 | 260 | 925 | .126 | .097 | .476 | -.232 | 280 | 133 | -.271 | .055 | -.115 | -.546 |
| 260 | 712 | -.359 | .245 | .263 | -1.449 | 260 | 926 | -.541 | .231 | -.057 | -1.526 | 280 | 134 | -.234 | .048 | -.083 | -.445 |
| 260 | 713 | -.131 | .120 | .375 | -1.060 | 260 | 927 | -.257 | .155 | .204 | -.813 | 280 | 135 | -.187 | .039 | -.057 | -.343 |
| 260 | 714 | .036 | .063 | .352 | -.248 | 260 | 928 | -.250 | .147 | .203 | -.827 | 280 | 136 | -.226 | .059 | -.071 | -.499 |
| 260 | 715 | -.156 | .166 | .387 | -.705 | 260 | 929 | -.516 | .100 | -.264 | -.867 | 280 | 137 | -.732 | .162 | -.248 | -1.338 |
| 260 | 716 | .037 | .083 | .329 | -.384 | 260 | 930 | -.541 | .100 | -.285 | -1.014 | 280 | 138 | -.751 | .171 | -.310 | -1.514 |
| 260 | 717 | -.998 | .306 | -.020 | -2.004 | 260 | 931 | -.518 | .102 | -.266 | -.992 | 280 | 139 | -.476 | .112 | -.156 | -.949 |
| 260 | 718 | -.782 | .226 | -.268 | -2.019 | 260 | 932 | -.518 | .109 | -.257 | -1.026 | 280 | 140 | -.717 | .184 | -.221 | -1.386 |
| 260 | 719 | -.720 | .283 | -.164 | -2.451 | 260 | 933 | -.504 | .105 | -.208 | -.929 | 280 | 141 | -.250 | .071 | -.032 | -.553 |
| 260 | 720 | -.752 | .371 | .267 | -2.320 | 260 | 934 | -.524 | .112 | -.159 | -1.096 | 280 | 142 | -.226 | .056 | -.047 | -.452 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 280 | 143 | -.184 | .037 | -.077 | -.327 | 280 | 215 | -.261 | .052 | -.117 | -.436 | 280 | 265 | -.402 | .112 | -.146 | -.975 |
| 280 | 144 | -.179 | .045 | -.040 | -.410 | 280 | 216 | -.272 | .055 | -.127 | -.497 | 280 | 266 | -.368 | .098 | -.141 | -.722 |
| 280 | 145 | -.388 | .111 | -.027 | -.797 | 280 | 217 | -.260 | .059 | -.091 | -.756 | 280 | 267 | -.346 | .105 | -.091 | -.774 |
| 280 | 146 | -.447 | .116 | -.101 | -1.081 | 280 | 218 | -.249 | .061 | -.055 | -.663 | 280 | 268 | -.370 | .107 | -.113 | -.822 |
| 280 | 147 | -.227 | .066 | -.022 | -.643 | 280 | 219 | -.305 | .077 | -.052 | -.671 | 280 | 269 | -.338 | .125 | .045 | -.817 |
| 280 | 148 | -.199 | .051 | -.026 | -.510 | 280 | 220 | -.276 | .062 | -.053 | -.549 | 280 | 270 | -.342 | .123 | .033 | -.838 |
| 280 | 149 | -.151 | .037 | -.033 | -.280 | 280 | 221 | -.263 | .056 | -.055 | -.470 | 280 | 271 | -.333 | .120 | -.001 | -.906 |
| 280 | 150 | -.130 | .045 | .035 | -.333 | 280 | 222 | -.251 | .049 | -.095 | -.485 | 280 | 272 | -.289 | .089 | -.035 | -.702 |
| 280 | 151 | -.244 | .092 | .115 | -.582 | 280 | 223 | -.261 | .053 | -.030 | -.535 | 280 | 273 | -.303 | .108 | -.038 | -1.046 |
| 280 | 152 | -.355 | .123 | .163 | -.759 | 280 | 224 | -.271 | .056 | -.049 | -.657 | 280 | 274 | -.305 | .110 | -.054 | -1.009 |
| 280 | 153 | -.330 | .119 | -.105 | -1.082 | 280 | 225 | -.311 | .066 | -.120 | -.564 | 280 | 275 | -.312 | .135 | .083 | -1.000 |
| 280 | 154 | -.320 | .110 | -.097 | -.957 | 280 | 226 | -.289 | .056 | -.064 | -.610 | 280 | 276 | -.338 | .119 | .040 | -.904 |
| 280 | 155 | -.329 | .117 | -.058 | -.999 | 280 | 227 | -.288 | .052 | -.088 | -.526 | 280 | 277 | -.319 | .109 | .002 | -.668 |
| 280 | 156 | -.332 | .109 | -.084 | -.913 | 280 | 228 | -.293 | .051 | -.136 | -.484 | 280 | 278 | -.265 | .093 | .076 | -.701 |
| 280 | 157 | .142 | .181 | .709 | -.478 | 280 | 229 | -.280 | .051 | -.134 | -.461 | 280 | 279 | -.275 | .105 | .053 | -.863 |
| 280 | 158 | .113 | .195 | .764 | -.676 | 280 | 230 | -.259 | .055 | -.107 | -.542 | 280 | 280 | -.273 | .106 | .066 | -.831 |
| 280 | 159 | .123 | .188 | .574 | -.635 | 280 | 231 | -.327 | .077 | -.066 | -.710 | 280 | 301 | -.372 | .063 | -.203 | -.640 |
| 280 | 160 | .230 | .111 | .671 | -.141 | 280 | 232 | -.331 | .072 | -.108 | -.621 | 280 | 302 | -.389 | .071 | -.162 | -.699 |
| 280 | 161 | .160 | .132 | .592 | -.289 | 280 | 233 | -.345 | .085 | -.144 | -.864 | 280 | 303 | -.390 | .087 | -.131 | -.962 |
| 280 | 162 | .125 | .103 | .492 | -.196 | 280 | 234 | -.306 | .076 | -.117 | -.732 | 280 | 304 | -.388 | .104 | .007 | -.970 |
| 280 | 163 | .078 | .110 | .434 | -.357 | 280 | 235 | -.299 | .067 | -.124 | -.625 | 280 | 305 | -.383 | .115 | .026 | -1.036 |
| 280 | 164 | .109 | .097 | .418 | -.217 | 280 | 236 | -.294 | .066 | -.107 | -.628 | 280 | 306 | -.391 | .125 | -.030 | -1.089 |
| 280 | 165 | .111 | .076 | .368 | -.129 | 280 | 237 | -.270 | .063 | -.091 | -.586 | 280 | 307 | -.355 | .062 | -.195 | -.613 |
| 280 | 166 | .085 | .072 | .321 | -.197 | 280 | 238 | -.256 | .065 | -.095 | -.643 | 280 | 308 | -.367 | .062 | -.202 | -.642 |
| 280 | 167 | .124 | .067 | .405 | -.059 | 280 | 239 | -.328 | .085 | -.110 | -.822 | 280 | 309 | -.365 | .072 | -.137 | -.726 |
| 280 | 168 | .097 | .067 | .425 | -.098 | 280 | 240 | -.332 | .082 | -.046 | -.713 | 280 | 310 | -.381 | .106 | -.066 | -1.048 |
| 280 | 169 | .137 | .080 | .461 | -.146 | 280 | 241 | -.333 | .086 | -.125 | -.737 | 280 | 311 | -.379 | .112 | .085 | -.856 |
| 280 | 170 | .232 | .150 | .734 | -.266 | 280 | 242 | -.323 | .084 | -.091 | -.670 | 280 | 312 | -.367 | .122 | .050 | -.917 |
| 280 | 171 | .199 | .164 | .714 | -.351 | 280 | 243 | -.322 | .080 | -.100 | -.606 | 280 | 313 | -.312 | .063 | -.132 | -.639 |
| 280 | 172 | .202 | .176 | .662 | -.424 | 280 | 244 | -.320 | .103 | -.107 | -1.032 | 280 | 314 | -.325 | .067 | -.127 | -.767 |
| 280 | 173 | .241 | .096 | .590 | -.082 | 280 | 245 | -.281 | .095 | -.065 | -.732 | 280 | 315 | -.335 | .075 | -.136 | -1.007 |
| 280 | 174 | .235 | .108 | .608 | -.093 | 280 | 246 | -.273 | .090 | -.052 | -.665 | 280 | 316 | -.374 | .088 | -.058 | -.856 |
| 280 | 175 | .223 | .090 | .563 | -.030 | 280 | 247 | -.307 | .101 | .002 | -.910 | 280 | 317 | -.404 | .123 | -.066 | -1.169 |
| 280 | 176 | .175 | .099 | .522 | -.161 | 280 | 248 | -.277 | .105 | .006 | -.841 | 280 | 318 | -.431 | .145 | -.047 | -1.303 |
| 280 | 177 | .283 | .098 | .686 | .039 | 280 | 249 | -.287 | .095 | -.002 | -.785 | 280 | 319 | -.295 | .064 | -.120 | -.608 |
| 280 | 178 | .219 | .080 | .514 | -.041 | 280 | 250 | -.325 | .074 | -.119 | -.759 | 280 | 320 | -.307 | .066 | -.139 | -.640 |
| 280 | 201 | -.347 | .085 | -.055 | -.797 | 280 | 251 | -.326 | .078 | -.085 | -.732 | 280 | 321 | -.318 | .072 | -.115 | -.701 |
| 280 | 202 | -.330 | .080 | -.044 | -.686 | 280 | 252 | -.340 | .075 | -.082 | -.720 | 280 | 322 | -.356 | .080 | -.135 | -.793 |
| 280 | 203 | -.288 | .068 | -.086 | -.552 | 280 | 253 | -.345 | .079 | -.127 | -.996 | 280 | 323 | -.399 | .115 | -.094 | -.946 |
| 280 | 204 | -.266 | .063 | -.068 | -.723 | 280 | 254 | -.313 | .071 | -.110 | -.603 | 280 | 324 | -.424 | .141 | -.061 | -1.270 |
| 280 | 205 | -.251 | .059 | -.064 | -.484 | 280 | 255 | -.334 | .079 | -.088 | -.744 | 280 | 325 | -.324 | .071 | -.115 | -.743 |
| 280 | 206 | -.230 | .058 | -.016 | -.653 | 280 | 256 | -.357 | .077 | -.147 | -.749 | 280 | 326 | -.341 | .071 | -.121 | -.682 |
| 280 | 207 | -.322 | .082 | -.010 | -.635 | 280 | 257 | -.334 | .074 | -.105 | -.679 | 280 | 327 | -.324 | .088 | -.094 | -1.181 |
| 280 | 208 | -.308 | .070 | -.054 | -.628 | 280 | 258 | -.342 | .089 | -.122 | -.742 | 280 | 328 | -.337 | .093 | -.106 | -1.254 |
| 280 | 209 | -.278 | .060 | -.065 | -.646 | 280 | 259 | -.340 | .081 | -.039 | -.884 | 280 | 329 | -.329 | .097 | -.073 | -1.261 |
| 280 | 210 | -.243 | .057 | -.081 | -.480 | 280 | 260 | -.342 | .094 | -.045 | -.873 | 280 | 330 | -.328 | .100 | -.062 | -1.293 |
| 280 | 211 | -.251 | .060 | -.069 | -.458 | 280 | 261 | -.332 | .093 | -.078 | -.748 | 280 | 331 | -.329 | .082 | -.125 | -.888 |
| 280 | 212 | -.258 | .060 | -.080 | -.465 | 280 | 262 | -.380 | .095 | -.129 | -.882 | 280 | 332 | -.350 | .080 | -.090 | -.715 |
| 280 | 213 | -.310 | .076 | -.043 | -.711 | 280 | 263 | -.340 | .093 | -.114 | -.868 | 280 | 333 | -.357 | .081 | -.129 | -.689 |
| 280 | 214 | -.265 | .058 | -.107 | -.461 | 280 | 264 | -.358 | .087 | -.136 | -.798 | 280 | 334 | -.346 | .092 | -.098 | -.903 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 280 | 336 | -.348 | .079 | -.052 | -.718 | 280 | 386 | -.367 | .093 | -.093 | -.748 | 280 | 528 | .055 | .074 | .299 | -.259 |
| 280 | 337 | -.357 | .086 | -.073 | -.800 | 280 | 387 | -.369 | .093 | -.148 | -1.035 | 280 | 529 | .019 | .137 | .536 | -.529 |
| 280 | 338 | -.321 | .082 | -.105 | -.708 | 280 | 388 | -.441 | .186 | .018 | -1.673 | 280 | 530 | .232 | .138 | .846 | -.362 |
| 280 | 339 | -.348 | .083 | -.127 | -.831 | 280 | 389 | -.484 | .194 | .003 | -1.740 | 280 | 531 | .379 | .131 | .829 | -.028 |
| 280 | 340 | -.344 | .081 | -.135 | -.852 | 280 | 390 | -.286 | .102 | .042 | -.807 | 280 | 532 | .527 | .129 | .978 | .131 |
| 280 | 341 | -.347 | .082 | -.134 | -.838 | 280 | 391 | -.162 | .137 | .333 | -.688 | 280 | 533 | .477 | .120 | .873 | .110 |
| 280 | 342 | -.337 | .088 | -.112 | -.835 | 280 | 392 | -.242 | .089 | .001 | -.622 | 280 | 534 | .181 | .090 | .475 | -.124 |
| 280 | 343 | -.333 | .089 | -.113 | -.878 | 280 | 393 | -.308 | .092 | -.079 | -.707 | 280 | 535 | .056 | .078 | .296 | -.354 |
| 280 | 344 | -.341 | .099 | -.066 | -1.039 | 280 | 394 | -.403 | .193 | .120 | -1.194 | 280 | 536 | -.010 | .158 | .559 | -.733 |
| 280 | 345 | -.341 | .093 | -.127 | -.934 | 280 | 395 | -.342 | .173 | .095 | -.982 | 280 | 537 | .211 | .158 | .768 | -.285 |
| 280 | 346 | -.332 | .108 | -.034 | -1.028 | 280 | 396 | .062 | .150 | .557 | -.429 | 280 | 538 | .203 | .109 | .577 | -.123 |
| 280 | 347 | -.565 | .175 | -.162 | -1.268 | 280 | 397 | -.205 | .128 | .210 | -.806 | 280 | 539 | .244 | .118 | .633 | -.176 |
| 280 | 348 | -.577 | .185 | -.204 | -1.553 | 280 | 398 | -.130 | .078 | .113 | -.584 | 280 | 540 | .112 | .105 | .435 | -.276 |
| 280 | 349 | -.554 | .141 | -.202 | -1.273 | 280 | 399 | -.130 | .066 | .066 | -.697 | 280 | 541 | .208 | .145 | .696 | -.237 |
| 280 | 350 | -.388 | .099 | -.139 | -.918 | 280 | 400 | -.151 | .063 | .117 | -.390 | 280 | 542 | .126 | .132 | .603 | -.273 |
| 280 | 351 | -.390 | .093 | -.125 | -.885 | 280 | 401 | -.178 | .069 | .016 | -.429 | 280 | 543 | .082 | .097 | .393 | -.233 |
| 280 | 352 | -.397 | .098 | -.108 | -1.009 | 280 | 402 | -.245 | .079 | .037 | -.542 | 280 | 544 | .144 | .103 | .557 | -.140 |
| 280 | 353 | -.559 | .175 | -.200 | -1.648 | 280 | 403 | -.157 | .135 | .240 | -.849 | 280 | 545 | .074 | .079 | .380 | -.192 |
| 280 | 354 | -.555 | .160 | -.207 | -1.306 | 280 | 404 | -.046 | .078 | .250 | -.441 | 280 | 546 | .137 | .078 | .487 | -.080 |
| 280 | 355 | -.454 | .121 | -.192 | -1.042 | 280 | 405 | -.058 | .049 | .112 | -.274 | 280 | 547 | .084 | .077 | .420 | -.126 |
| 280 | 356 | -.449 | .122 | -.165 | -1.044 | 280 | 406 | -.089 | .049 | .075 | -.274 | 280 | 548 | .194 | .087 | .645 | -.015 |
| 280 | 357 | -.460 | .093 | -.086 | -.935 | 280 | 407 | -.174 | .062 | .038 | -.381 | 280 | 549 | .396 | .147 | .832 | -.249 |
| 280 | 358 | -.362 | .090 | -.018 | -.866 | 280 | 408 | -.225 | .080 | .047 | -.538 | 280 | 550 | .444 | .148 | .883 | -.172 |
| 280 | 359 | -.369 | .088 | -.045 | -.827 | 280 | 501 | .191 | .112 | .666 | -.175 | 280 | 551 | .463 | .150 | .870 | -.076 |
| 280 | 360 | -.359 | .089 | -.036 | -.862 | 280 | 502 | .312 | .110 | .706 | -.026 | 280 | 552 | .370 | .132 | .758 | -.128 |
| 280 | 361 | -.410 | .109 | -.105 | -.968 | 280 | 503 | .292 | .103 | .759 | -.050 | 280 | 553 | .180 | .106 | .586 | -.302 |
| 280 | 362 | -.413 | .114 | -.088 | -.999 | 280 | 504 | .241 | .096 | .568 | -.058 | 280 | 554 | .020 | .098 | .355 | -.452 |
| 280 | 363 | -.404 | .109 | -.105 | -.924 | 280 | 505 | .181 | .092 | .562 | -.161 | 280 | 555 | .142 | .098 | .500 | -.280 |
| 280 | 364 | -.306 | .092 | .063 | -.727 | 280 | 506 | .011 | .071 | .261 | -.250 | 280 | 556 | -.054 | .096 | .296 | -.453 |
| 280 | 365 | -.355 | .080 | -.137 | -.715 | 280 | 507 | .246 | .120 | .776 | -.123 | 280 | 557 | .371 | .126 | .871 | .038 |
| 280 | 366 | -.353 | .074 | -.129 | -.740 | 280 | 508 | .430 | .129 | .854 | .014 | 280 | 558 | .409 | .123 | .852 | .108 |
| 280 | 367 | -.354 | .078 | -.096 | -.799 | 280 | 509 | .472 | .128 | .830 | .059 | 280 | 559 | .446 | .115 | .813 | .121 |
| 280 | 368 | -.360 | .085 | -.175 | -.767 | 280 | 510 | .418 | .119 | .849 | .056 | 280 | 560 | .344 | .106 | .686 | .037 |
| 280 | 369 | -.340 | .079 | -.103 | -.845 | 280 | 511 | .302 | .096 | .571 | -.040 | 280 | 561 | .089 | .088 | .442 | -.182 |
| 280 | 370 | -.368 | .092 | -.119 | -.892 | 280 | 512 | .094 | .077 | .341 | -.161 | 280 | 562 | -.088 | .084 | .200 | -.405 |
| 280 | 371 | -.362 | .102 | -.129 | -.910 | 280 | 513 | .130 | .107 | .481 | -.255 | 280 | 563 | .293 | .122 | .737 | -.022 |
| 280 | 372 | -.378 | .108 | -.108 | -.997 | 280 | 514 | .415 | .123 | .839 | .038 | 280 | 564 | .321 | .126 | .767 | -.010 |
| 280 | 373 | -.363 | .104 | -.070 | -.916 | 280 | 515 | .592 | .134 | .996 | .192 | 280 | 565 | .377 | .130 | .769 | .055 |
| 280 | 374 | -.563 | .237 | -.145 | -1.636 | 280 | 516 | .528 | .121 | .940 | .139 | 280 | 566 | .450 | .130 | .883 | .083 |
| 280 | 375 | -.555 | .255 | -.117 | -2.026 | 280 | 517 | .259 | .088 | .554 | -.020 | 280 | 567 | .353 | .121 | .946 | .016 |
| 280 | 376 | -.485 | .152 | -.149 | -1.410 | 280 | 518 | .058 | .072 | .309 | -.280 | 280 | 568 | .134 | .089 | .481 | -.154 |
| 280 | 377 | -.420 | .094 | -.115 | -.843 | 280 | 519 | .103 | .113 | .603 | -.319 | 280 | 569 | -.045 | .084 | .296 | -.496 |
| 280 | 378 | -.372 | .079 | -.119 | -.707 | 280 | 520 | .386 | .130 | .835 | -.021 | 280 | 570 | .264 | .133 | .794 | -.146 |
| 280 | 379 | -.375 | .085 | -.154 | -.686 | 280 | 521 | .564 | .132 | .918 | .211 | 280 | 571 | .252 | .159 | .824 | -.285 |
| 280 | 380 | -.492 | .161 | -.158 | -1.434 | 280 | 522 | .499 | .122 | .851 | .152 | 280 | 572 | .253 | .101 | .607 | -.026 |
| 280 | 381 | -.486 | .146 | -.161 | -1.320 | 280 | 523 | .240 | .091 | .545 | -.036 | 280 | 573 | .292 | .108 | .691 | .025 |
| 280 | 382 | -.466 | .140 | -.082 | -1.191 | 280 | 524 | .061 | .072 | .303 | -.217 | 280 | 574 | .195 | .095 | .595 | -.077 |
| 280 | 383 | -.458 | .134 | -.065 | -1.047 | 280 | 525 | .222 | .089 | .536 | -.055 | 280 | 575 | .221 | .098 | .607 | -.054 |
| 280 | 384 | -.465 | .139 | -.050 | -.968 | 280 | 526 | .025 | .072 | .279 | -.372 | 280 | 576 | .307 | .111 | .763 | .050 |
| 280 | 385 | -.405 | .108 | -.079 | -.895 | 280 | 527 | .210 | .090 | .519 | -.065 | 280 | 577 | .220 | .184 | .722 | -.779 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 280 | 578 | .152 | .204 | .667 | -.766 | 280 | 728 | -.365 | .096 | -.139 | -.871 | 280 | 942 | -.373 | .100 | .105 | -.728 |
| 280 | 579 | -.078 | .139 | .428 | -.638 | 280 | 729 | -.347 | .100 | -.108 | -.892 | 300 | 101 | -.111 | .055 | .102 | -.409 |
| 280 | 580 | -.031 | .109 | .294 | -.539 | 280 | 730 | -.374 | .091 | -.124 | -.840 | 300 | 102 | -.063 | .069 | .311 | -.393 |
| 280 | 581 | -.012 | .105 | .363 | -.599 | 280 | 731 | -.351 | .087 | -.133 | -.787 | 300 | 103 | -.016 | .084 | .401 | -.334 |
| 280 | 582 | -.123 | .099 | .241 | -.594 | 280 | 732 | -.349 | .104 | -.117 | -.852 | 300 | 104 | -.041 | .087 | .435 | -.606 |
| 280 | 583 | -.055 | .080 | .214 | -.448 | 280 | 733 | -.385 | .106 | -.155 | -.970 | 300 | 105 | -.295 | .228 | .329 | -.975 |
| 280 | 584 | -.154 | .084 | .087 | -.548 | 280 | 734 | -.388 | .110 | -.076 | -.888 | 300 | 106 | -.469 | .234 | .374 | -1.886 |
| 280 | 585 | .107 | .104 | .511 | -.511 | 280 | 735 | .010 | .116 | .473 | -.475 | 300 | 107 | -.145 | .050 | .052 | -.351 |
| 280 | 586 | .113 | .082 | .454 | -.175 | 280 | 736 | -.313 | .125 | .102 | -.956 | 300 | 108 | -.088 | .060 | .210 | -.302 |
| 280 | 587 | .120 | .060 | .315 | -.057 | 280 | 901 | -.355 | .138 | .083 | -.861 | 300 | 109 | .010 | .079 | .370 | -.287 |
| 280 | 588 | .077 | .062 | .303 | -.105 | 280 | 902 | -.383 | .149 | .068 | -.985 | 300 | 110 | -.017 | .079 | .364 | -.367 |
| 280 | 589 | -.110 | .055 | .057 | -.338 | 280 | 903 | -.251 | .128 | .058 | -.880 | 300 | 111 | -.378 | .258 | .536 | -1.336 |
| 280 | 590 | -.199 | .072 | -.000 | -.503 | 280 | 904 | -.340 | .118 | -.036 | -.881 | 300 | 112 | -.483 | .220 | .555 | -1.721 |
| 280 | 591 | .133 | .073 | .452 | -.139 | 280 | 905 | -.352 | .093 | -.096 | -.813 | 300 | 113 | -.191 | .045 | -.002 | -.356 |
| 280 | 592 | .148 | .076 | .420 | -.133 | 280 | 906 | -.275 | .115 | .054 | -.794 | 300 | 114 | -.145 | .047 | .107 | -.288 |
| 280 | 593 | .191 | .082 | .557 | -.063 | 280 | 907 | -.278 | .078 | -.072 | -.691 | 300 | 115 | -.042 | .052 | .202 | -.285 |
| 280 | 594 | -.050 | .073 | .258 | -.347 | 280 | 908 | -.337 | .086 | -.112 | -1.167 | 300 | 116 | -.074 | .124 | .275 | -.853 |
| 280 | 595 | .004 | .097 | .362 | -.323 | 280 | 909 | -.299 | .082 | -.120 | -.697 | 300 | 117 | -.460 | .232 | .326 | -1.621 |
| 280 | 596 | -.077 | .099 | .238 | -.461 | 280 | 910 | -.328 | .092 | -.135 | -.803 | 300 | 118 | -.549 | .253 | .280 | -1.610 |
| 280 | 597 | -.119 | .122 | .372 | -.488 | 280 | 911 | .481 | .125 | .996 | .160 | 300 | 119 | -.199 | .042 | .015 | -.412 |
| 280 | 598 | -.025 | .197 | .647 | -.645 | 280 | 912 | .480 | .120 | .960 | .133 | 300 | 120 | -.167 | .040 | .109 | -.350 |
| 280 | 599 | .142 | .154 | .673 | -.338 | 280 | 913 | .393 | .113 | .797 | .086 | 300 | 121 | -.077 | .050 | .193 | -.328 |
| 280 | 600 | .213 | .167 | .832 | -.425 | 280 | 914 | .165 | .091 | .497 | -.147 | 300 | 122 | -.142 | .147 | .273 | -.968 |
| 280 | 701 | -.332 | .123 | -.047 | -1.247 | 280 | 915 | .178 | .089 | .490 | -.110 | 300 | 123 | -.477 | .236 | .358 | -1.424 |
| 280 | 702 | -.251 | .062 | -.038 | -.478 | 280 | 916 | .155 | .087 | .506 | -.130 | 300 | 124 | -.498 | .216 | .332 | -1.357 |
| 280 | 703 | -.265 | .069 | -.051 | -.862 | 280 | 917 | -.395 | .121 | -.060 | -1.010 | 300 | 125 | -.208 | .046 | -.045 | -.374 |
| 280 | 704 | -.269 | .057 | -.088 | -.512 | 280 | 918 | -.301 | .107 | .231 | -.815 | 300 | 126 | -.185 | .042 | -.014 | -.346 |
| 280 | 705 | -.286 | .062 | -.102 | -.589 | 280 | 919 | -.301 | .103 | .076 | -.758 | 300 | 127 | -.114 | .048 | .068 | -.350 |
| 280 | 706 | -.282 | .096 | -.015 | -.832 | 280 | 920 | .545 | .142 | 1.062 | .129 | 300 | 128 | -.128 | .110 | .102 | -.684 |
| 280 | 707 | -.971 | .301 | -.142 | -1.912 | 280 | 921 | .506 | .135 | 1.016 | .104 | 300 | 129 | -.495 | .226 | .167 | -1.355 |
| 280 | 708 | -.790 | .201 | -.156 | -1.728 | 280 | 922 | .451 | .123 | .895 | .054 | 300 | 130 | -.557 | .208 | .125 | -1.397 |
| 280 | 709 | -.905 | .258 | -.095 | -1.875 | 280 | 923 | .092 | .085 | .324 | -.228 | 300 | 131 | -.436 | .218 | .198 | -1.198 |
| 280 | 710 | -.672 | .170 | -.183 | -1.345 | 280 | 924 | .144 | .085 | .376 | -.192 | 300 | 132 | -.522 | .191 | .186 | -1.264 |
| 280 | 711 | -.517 | .184 | .228 | -1.064 | 280 | 925 | .172 | .097 | .670 | -.373 | 300 | 133 | -.238 | .048 | -.073 | -.410 |
| 280 | 712 | .175 | .181 | .708 | -.529 | 280 | 926 | -.344 | .093 | -.101 | -.929 | 300 | 134 | -.169 | .042 | -.013 | -.316 |
| 280 | 713 | .084 | .114 | .629 | -.221 | 280 | 927 | -.340 | .085 | -.093 | -.843 | 300 | 135 | -.117 | .039 | .030 | -.268 |
| 280 | 714 | .154 | .081 | .503 | -.229 | 280 | 928 | -.320 | .083 | -.050 | -.844 | 300 | 136 | -.106 | .050 | .032 | -.336 |
| 280 | 715 | .295 | .145 | .794 | -.387 | 280 | 929 | -.470 | .094 | -.186 | -.919 | 300 | 137 | -.315 | .168 | .092 | -.958 |
| 280 | 716 | .129 | .088 | .440 | -.190 | 280 | 930 | -.510 | .097 | -.222 | -.963 | 300 | 138 | -.415 | .174 | .131 | -1.109 |
| 280 | 717 | -.372 | .076 | -.142 | -.736 | 280 | 931 | -.503 | .100 | -.209 | -.966 | 300 | 139 | -.233 | .101 | .006 | -.691 |
| 280 | 718 | -.318 | .065 | -.120 | -.744 | 280 | 932 | -.470 | .096 | -.178 | -.931 | 300 | 140 | -.333 | .139 | -.037 | -.908 |
| 280 | 719 | -.323 | .086 | -.106 | -1.046 | 280 | 933 | -.478 | .099 | -.210 | -.881 | 300 | 141 | -.229 | .047 | -.084 | -.409 |
| 280 | 720 | -.662 | .232 | -.224 | -2.601 | 280 | 934 | -.518 | .113 | -.229 | -1.076 | 300 | 142 | -.198 | .040 | -.083 | -.374 |
| 280 | 721 | -.415 | .129 | -.146 | -1.315 | 280 | 935 | -.495 | .094 | -.211 | -.985 | 300 | 143 | -.140 | .036 | -.011 | -.266 |
| 280 | 722 | -.542 | .207 | -.134 | -1.697 | 280 | 936 | -.460 | .094 | -.095 | -.821 | 300 | 144 | -.120 | .047 | .045 | -.367 |
| 280 | 723 | -.423 | .132 | -.093 | -1.080 | 280 | 937 | -.400 | .089 | -.089 | -.726 | 300 | 145 | -.198 | .100 | .054 | -.748 |
| 280 | 724 | -.507 | .233 | .057 | -1.398 | 280 | 938 | -.455 | .087 | -.154 | -.788 | 300 | 146 | -.265 | .115 | .088 | -.915 |
| 280 | 725 | -.381 | .132 | -.028 | -1.010 | 280 | 939 | -.432 | .099 | .023 | -.860 | 300 | 147 | -.217 | .050 | -.053 | -.404 |
| 280 | 726 | -.417 | .142 | -.095 | -1.704 | 280 | 940 | -.333 | .086 | -.003 | -.609 | 300 | 148 | -.174 | .042 | -.030 | -.321 |
| 280 | 727 | -.355 | .100 | -.122 | -.942 | 280 | 941 | -.346 | .078 | -.067 | -.652 | 300 | 149 | -.105 | .040 | .074 | -.225 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | 150 | -.090 | .053 | .102 | -.338 | 300 | 222 | -.233 | .043 | -.082 | -.395 | 300 | 272 | -.314 | .079 | -.036 | -.631 |
| 300 | 151 | -.155 | .105 | .069 | -.801 | 300 | 223 | -.236 | .044 | -.082 | -.400 | 300 | 273 | -.339 | .071 | -.131 | -.729 |
| 300 | 152 | -.229 | .151 | .056 | -1.204 | 300 | 224 | -.241 | .045 | -.055 | -.404 | 300 | 274 | -.337 | .070 | -.132 | -.682 |
| 300 | 153 | -.328 | .079 | -.144 | -.733 | 300 | 225 | -.288 | .068 | -.102 | -.587 | 300 | 275 | -.210 | .119 | .037 | -.849 |
| 300 | 154 | -.329 | .073 | -.154 | -.692 | 300 | 226 | -.261 | .059 | -.089 | -.644 | 300 | 276 | -.200 | .122 | .103 | -.857 |
| 300 | 155 | -.291 | .065 | -.095 | -.573 | 300 | 227 | -.276 | .050 | -.135 | -.482 | 300 | 277 | -.188 | .086 | .104 | -.581 |
| 300 | 156 | -.305 | .061 | -.144 | -.552 | 300 | 228 | -.273 | .046 | -.137 | -.495 | 300 | 278 | -.300 | .095 | .032 | -.796 |
| 300 | 157 | .273 | .173 | .844 | -.376 | 300 | 229 | -.254 | .046 | -.128 | -.431 | 300 | 279 | -.306 | .073 | -.093 | -.686 |
| 300 | 158 | .238 | .166 | .738 | -.473 | 300 | 230 | -.233 | .051 | -.075 | -.440 | 300 | 280 | -.283 | .071 | -.099 | -.624 |
| 300 | 159 | .216 | .154 | .618 | -.507 | 300 | 231 | -.297 | .078 | -.053 | -.704 | 300 | 301 | -.261 | .063 | -.037 | -.586 |
| 300 | 160 | .234 | .121 | .787 | -.052 | 300 | 232 | -.301 | .069 | -.104 | -.664 | 300 | 302 | -.264 | .070 | .003 | -.663 |
| 300 | 161 | .150 | .125 | .604 | -.238 | 300 | 233 | -.308 | .086 | .021 | -.705 | 300 | 303 | -.270 | .074 | .006 | -.753 |
| 300 | 162 | .103 | .096 | .477 | -.168 | 300 | 234 | -.272 | .069 | .058 | -.772 | 300 | 304 | -.249 | .077 | -.005 | -.746 |
| 300 | 163 | .057 | .109 | .527 | -.308 | 300 | 235 | -.306 | .065 | -.096 | -.589 | 300 | 305 | -.263 | .095 | .019 | -.949 |
| 300 | 164 | .054 | .093 | .367 | -.266 | 300 | 236 | -.309 | .061 | -.144 | -.680 | 300 | 306 | -.270 | .101 | -.048 | -.945 |
| 300 | 165 | .050 | .066 | .309 | -.140 | 300 | 237 | -.283 | .057 | -.130 | -.570 | 300 | 307 | -.243 | .061 | -.030 | -.640 |
| 300 | 166 | .013 | .066 | .257 | -.288 | 300 | 238 | -.257 | .058 | -.077 | -.549 | 300 | 308 | -.255 | .062 | -.056 | -.659 |
| 300 | 167 | .093 | .067 | .415 | -.132 | 300 | 239 | -.289 | .091 | -.010 | -.822 | 300 | 309 | -.250 | .065 | -.055 | -.738 |
| 300 | 168 | .049 | .064 | .306 | -.194 | 300 | 240 | -.291 | .078 | -.024 | -.673 | 300 | 310 | -.255 | .072 | -.048 | -.748 |
| 300 | 169 | .087 | .063 | .350 | -.157 | 300 | 241 | -.358 | .089 | -.142 | -.916 | 300 | 311 | -.258 | .082 | -.043 | -.721 |
| 300 | 170 | .057 | .183 | .638 | -.627 | 300 | 242 | -.323 | .071 | -.094 | -.629 | 300 | 312 | -.267 | .087 | -.047 | -.765 |
| 300 | 171 | .024 | .198 | .629 | -.817 | 300 | 243 | -.324 | .063 | -.118 | -.618 | 300 | 313 | -.229 | .061 | -.024 | -.636 |
| 300 | 172 | .023 | .200 | .615 | -.801 | 300 | 244 | -.325 | .065 | -.154 | -.570 | 300 | 314 | -.243 | .065 | -.017 | -.739 |
| 300 | 173 | .139 | .112 | .762 | -.107 | 300 | 245 | -.311 | .064 | -.142 | -.596 | 300 | 315 | -.248 | .062 | -.021 | -.612 |
| 300 | 174 | .067 | .091 | .443 | -.348 | 300 | 246 | -.282 | .066 | -.103 | -.577 | 300 | 316 | -.258 | .061 | -.057 | -.674 |
| 300 | 175 | .144 | .089 | .666 | -.051 | 300 | 247 | -.295 | .070 | -.130 | -.692 | 300 | 317 | -.258 | .063 | -.087 | -.564 |
| 300 | 176 | .081 | .091 | .665 | -.237 | 300 | 248 | -.306 | .071 | -.093 | -.670 | 300 | 318 | -.281 | .072 | -.109 | -.681 |
| 300 | 177 | .170 | .101 | .721 | -.041 | 300 | 249 | -.294 | .070 | -.104 | -.623 | 300 | 319 | -.235 | .060 | -.043 | -.742 |
| 300 | 178 | .133 | .097 | .625 | -.149 | 300 | 250 | -.239 | .048 | -.058 | -.447 | 300 | 320 | -.248 | .061 | -.061 | -.824 |
| 300 | 201 | -.254 | .084 | -.051 | -.797 | 300 | 251 | -.247 | .048 | -.055 | -.501 | 300 | 321 | -.255 | .062 | -.077 | -.897 |
| 300 | 202 | -.239 | .079 | -.053 | -.801 | 300 | 252 | -.247 | .047 | -.078 | -.477 | 300 | 322 | -.267 | .061 | -.105 | -.750 |
| 300 | 203 | -.220 | .067 | -.058 | -.699 | 300 | 253 | -.252 | .051 | -.002 | -.462 | 300 | 323 | -.260 | .054 | -.123 | -.576 |
| 300 | 204 | -.220 | .051 | -.079 | -.483 | 300 | 254 | -.234 | .052 | -.061 | -.440 | 300 | 324 | -.278 | .064 | -.102 | -.693 |
| 300 | 205 | -.219 | .050 | -.058 | -.412 | 300 | 255 | -.256 | .056 | -.077 | -.446 | 300 | 325 | -.247 | .062 | -.055 | -.627 |
| 300 | 206 | -.196 | .046 | -.058 | -.381 | 300 | 256 | -.261 | .052 | -.082 | -.498 | 300 | 326 | -.251 | .064 | -.064 | -.626 |
| 300 | 207 | -.243 | .082 | -.039 | -1.037 | 300 | 257 | -.253 | .056 | -.060 | -.438 | 300 | 327 | -.267 | .075 | -.101 | -.823 |
| 300 | 208 | -.240 | .073 | -.058 | -1.019 | 300 | 258 | -.249 | .067 | .026 | -.499 | 300 | 328 | -.278 | .081 | -.102 | -.957 |
| 300 | 209 | -.230 | .057 | -.078 | -.736 | 300 | 259 | -.244 | .064 | .027 | -.564 | 300 | 329 | -.277 | .084 | -.103 | -.890 |
| 300 | 210 | -.206 | .048 | -.030 | -.411 | 300 | 260 | -.276 | .062 | -.053 | -.514 | 300 | 330 | -.281 | .088 | -.102 | -1.005 |
| 300 | 211 | -.217 | .050 | -.051 | -.424 | 300 | 261 | -.280 | .068 | .002 | -.557 | 300 | 331 | -.269 | .071 | -.065 | -.830 |
| 300 | 212 | -.222 | .050 | -.060 | -.423 | 300 | 262 | -.272 | .063 | -.033 | -.504 | 300 | 332 | -.279 | .060 | -.078 | -.690 |
| 300 | 213 | -.253 | .052 | -.087 | -.502 | 300 | 263 | -.277 | .065 | -.049 | -.558 | 300 | 333 | -.266 | .050 | -.026 | -.518 |
| 300 | 214 | -.225 | .048 | -.063 | -.516 | 300 | 264 | -.276 | .060 | -.089 | -.504 | 300 | 334 | -.277 | .053 | -.028 | -.606 |
| 300 | 215 | -.239 | .044 | -.120 | -.494 | 300 | 265 | -.286 | .069 | -.039 | -.593 | 300 | 336 | -.264 | .047 | -.046 | -.429 |
| 300 | 216 | -.241 | .043 | -.111 | -.438 | 300 | 266 | -.287 | .068 | -.045 | -.588 | 300 | 337 | -.275 | .048 | -.108 | -.509 |
| 300 | 217 | -.226 | .044 | -.095 | -.431 | 300 | 267 | -.304 | .067 | -.093 | -.609 | 300 | 338 | -.273 | .050 | -.112 | -.474 |
| 300 | 218 | -.206 | .046 | -.030 | -.390 | 300 | 268 | -.270 | .062 | -.058 | -.554 | 300 | 339 | -.265 | .054 | -.072 | -.523 |
| 300 | 219 | -.250 | .055 | -.065 | -.508 | 300 | 269 | -.231 | .111 | .036 | -.656 | 300 | 340 | -.259 | .058 | -.063 | -.499 |
| 300 | 220 | -.253 | .053 | -.054 | -.551 | 300 | 270 | -.237 | .114 | .032 | -.682 | 300 | 341 | -.265 | .057 | -.084 | -.501 |
| 300 | 221 | -.251 | .043 | -.116 | -.438 | 300 | 271 | -.236 | .074 | -.023 | -.635 | 300 | 342 | -.288 | .060 | -.095 | -.556 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | 343 | -.254 | .064 | -.060 | -.530 | 300 | 393 | -.312 | .079 | -.134 | -.993 | 300 | 535 | -.006 | .071 | .242 | -.341 |
| 300 | 344 | -.284 | .066 | -.051 | -.593 | 300 | 394 | -.362 | .129 | -.045 | -.965 | 300 | 536 | .161 | .147 | .954 | -.371 |
| 300 | 345 | -.279 | .064 | -.062 | -.557 | 300 | 395 | -.326 | .111 | -.019 | -.975 | 300 | 537 | .295 | .156 | 1.030 | -.216 |
| 300 | 346 | -.324 | .072 | -.083 | -.587 | 300 | 396 | -.172 | .104 | .260 | -.495 | 300 | 538 | .152 | .127 | .595 | -.225 |
| 300 | 347 | -.285 | .092 | -.055 | -1.195 | 300 | 397 | -.289 | .102 | .008 | -.740 | 300 | 539 | .270 | .129 | .690 | -.158 |
| 300 | 348 | -.294 | .078 | -.067 | -.624 | 300 | 398 | -.279 | .084 | -.052 | -.787 | 300 | 540 | .057 | .100 | .488 | -.264 |
| 300 | 349 | -.371 | .117 | -.083 | -.883 | 300 | 399 | -.258 | .065 | -.063 | -.529 | 300 | 541 | .139 | .119 | .663 | -.190 |
| 300 | 350 | -.269 | .057 | -.084 | -.636 | 300 | 400 | -.253 | .064 | -.065 | -.552 | 300 | 542 | .099 | .116 | .609 | -.263 |
| 300 | 351 | -.285 | .058 | -.063 | -.557 | 300 | 401 | -.232 | .084 | -.021 | -.664 | 300 | 543 | -.006 | .071 | .352 | -.259 |
| 300 | 352 | -.293 | .063 | -.057 | -.591 | 300 | 402 | -.228 | .086 | -.003 | -.637 | 300 | 544 | .040 | .081 | .422 | -.219 |
| 300 | 353 | -.296 | .089 | -.101 | -.919 | 300 | 403 | -.272 | .131 | .067 | -.919 | 300 | 545 | .011 | .082 | .393 | -.280 |
| 300 | 354 | -.307 | .094 | -.103 | -.837 | 300 | 404 | -.203 | .079 | .051 | -.543 | 300 | 546 | .083 | .076 | .417 | -.134 |
| 300 | 355 | -.272 | .063 | -.103 | -.786 | 300 | 405 | -.187 | .059 | .010 | -.478 | 300 | 547 | .048 | .070 | .409 | -.172 |
| 300 | 356 | -.279 | .064 | -.118 | -.860 | 300 | 406 | -.183 | .062 | .020 | -.465 | 300 | 548 | .119 | .076 | .571 | -.191 |
| 300 | 357 | -.284 | .054 | -.133 | -.518 | 300 | 407 | -.165 | .077 | .009 | -.508 | 300 | 549 | .385 | .188 | .947 | -.422 |
| 300 | 358 | -.291 | .052 | -.141 | -.548 | 300 | 408 | -.178 | .091 | .041 | -.659 | 300 | 550 | .379 | .192 | .953 | -.392 |
| 300 | 359 | -.297 | .057 | -.141 | -.599 | 300 | 501 | .386 | .170 | .899 | -.278 | 300 | 551 | .344 | .165 | .759 | -.552 |
| 300 | 360 | -.307 | .062 | -.144 | -.590 | 300 | 502 | .403 | .177 | .861 | -.305 | 300 | 552 | .228 | .131 | .590 | -.421 |
| 300 | 361 | -.265 | .064 | -.091 | -.669 | 300 | 503 | .306 | .143 | .715 | -.310 | 300 | 553 | .076 | .090 | .357 | -.436 |
| 300 | 362 | -.266 | .066 | -.084 | -.690 | 300 | 504 | .211 | .117 | .588 | -.426 | 300 | 554 | -.033 | .075 | .196 | -.394 |
| 300 | 363 | -.287 | .063 | -.122 | -.564 | 300 | 505 | .140 | .094 | .566 | -.339 | 300 | 555 | .058 | .086 | .326 | -.376 |
| 300 | 364 | -.301 | .062 | -.130 | -.564 | 300 | 506 | -.037 | .065 | .230 | -.334 | 300 | 556 | -.067 | .071 | .153 | -.447 |
| 300 | 365 | -.298 | .056 | -.082 | -.541 | 300 | 507 | .434 | .175 | .885 | -.374 | 300 | 557 | .309 | .157 | .764 | -.206 |
| 300 | 366 | -.298 | .053 | -.156 | -.518 | 300 | 508 | .515 | .171 | .982 | -.207 | 300 | 558 | .315 | .154 | .775 | -.225 |
| 300 | 367 | -.303 | .057 | -.163 | -.562 | 300 | 509 | .426 | .155 | .896 | -.234 | 300 | 559 | .306 | .132 | .752 | -.050 |
| 300 | 368 | -.285 | .054 | -.149 | -.535 | 300 | 510 | .331 | .123 | .824 | -.215 | 300 | 560 | .205 | .100 | .510 | -.169 |
| 300 | 369 | -.303 | .058 | -.158 | -.705 | 300 | 511 | .211 | .087 | .560 | -.322 | 300 | 561 | .012 | .065 | .229 | -.216 |
| 300 | 370 | -.284 | .063 | -.082 | -.553 | 300 | 512 | .052 | .074 | .329 | -.295 | 300 | 562 | -.097 | .051 | .077 | -.286 |
| 300 | 371 | -.304 | .067 | -.125 | -.624 | 300 | 513 | .213 | .156 | .743 | -.336 | 300 | 563 | .151 | .120 | .667 | -.216 |
| 300 | 372 | -.294 | .066 | -.099 | -.597 | 300 | 514 | .407 | .165 | .918 | -.087 | 300 | 564 | .169 | .130 | .756 | -.188 |
| 300 | 373 | -.291 | .065 | -.109 | -.583 | 300 | 515 | .512 | .167 | .996 | -.063 | 300 | 565 | .245 | .138 | .779 | -.102 |
| 300 | 374 | -.353 | .080 | -.149 | -.849 | 300 | 516 | .421 | .135 | .774 | -.146 | 300 | 566 | .341 | .136 | .833 | -.171 |
| 300 | 375 | -.353 | .079 | -.151 | -.804 | 300 | 517 | .162 | .089 | .475 | -.292 | 300 | 567 | .232 | .109 | .635 | -.174 |
| 300 | 376 | -.423 | .107 | -.184 | -1.057 | 300 | 518 | -.006 | .067 | .205 | -.429 | 300 | 568 | .063 | .072 | .315 | -.198 |
| 300 | 377 | -.331 | .071 | -.137 | -.646 | 300 | 519 | .165 | .148 | .717 | -.351 | 300 | 569 | -.063 | .062 | .144 | -.250 |
| 300 | 378 | -.310 | .055 | -.161 | -.541 | 300 | 520 | .356 | .168 | .901 | -.144 | 300 | 570 | .100 | .123 | .684 | -.256 |
| 300 | 379 | -.319 | .063 | -.074 | -.560 | 300 | 521 | .491 | .153 | .956 | -.054 | 300 | 571 | .058 | .181 | .794 | -.551 |
| 300 | 380 | -.359 | .081 | -.141 | -.842 | 300 | 522 | .396 | .127 | .851 | -.079 | 300 | 572 | .103 | .086 | .578 | -.155 |
| 300 | 381 | -.360 | .076 | -.165 | -.767 | 300 | 523 | .148 | .082 | .433 | -.185 | 300 | 573 | .141 | .108 | .761 | -.086 |
| 300 | 382 | -.345 | .081 | -.139 | -.688 | 300 | 524 | .011 | .064 | .213 | -.342 | 300 | 574 | .118 | .097 | .708 | -.209 |
| 300 | 383 | -.349 | .079 | -.119 | -.660 | 300 | 525 | .130 | .085 | .413 | -.303 | 300 | 575 | .159 | .110 | .806 | -.089 |
| 300 | 384 | -.350 | .074 | -.018 | -.654 | 300 | 526 | -.034 | .066 | .199 | -.367 | 300 | 576 | .192 | .114 | .662 | -.028 |
| 300 | 385 | -.323 | .066 | -.118 | -.609 | 300 | 527 | .125 | .080 | .400 | -.195 | 300 | 577 | -.056 | .265 | .695 | -1.314 |
| 300 | 386 | -.318 | .064 | -.151 | -.695 | 300 | 528 | -.010 | .066 | .208 | -.328 | 300 | 578 | -.117 | .285 | .554 | -1.305 |
| 300 | 387 | -.307 | .068 | -.140 | -.646 | 300 | 529 | .166 | .137 | .705 | -.381 | 300 | 579 | -.204 | .164 | .335 | -.769 |
| 300 | 388 | -.344 | .108 | -.106 | -1.091 | 300 | 530 | .297 | .147 | .821 | -.134 | 300 | 580 | -.200 | .110 | .218 | -.651 |
| 300 | 389 | -.353 | .112 | -.111 | -.922 | 300 | 531 | .401 | .154 | .972 | -.227 | 300 | 581 | -.206 | .112 | .180 | -.649 |
| 300 | 390 | -.304 | .074 | -.111 | -.590 | 300 | 532 | .455 | .151 | .906 | -.192 | 300 | 582 | -.252 | .093 | .061 | -.690 |
| 300 | 391 | -.298 | .081 | -.061 | -.721 | 300 | 533 | .357 | .129 | .738 | -.183 | 300 | 583 | -.195 | .084 | .070 | -.502 |
| 300 | 392 | -.308 | .078 | -.108 | -.951 | 300 | 534 | .087 | .081 | .322 | -.270 | 300 | 584 | -.238 | .072 | .004 | -.548 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | 585 | .020 | .110 | .517 | -.257 | 300 | 735 | -.188 | .093 | .184 | -.548 | 320 | 107 | -.023 | .109 | .279 | -.447 |
| 300 | 586 | .025 | .087 | .412 | -.206 | 300 | 736 | -.217 | .116 | .053 | -.681 | 320 | 108 | .063 | .150 | .476 | -.395 |
| 300 | 587 | -.012 | .047 | .154 | -.174 | 300 | 901 | -.329 | .088 | -.047 | -.685 | 320 | 109 | .184 | .199 | .808 | -.399 |
| 300 | 588 | -.070 | .046 | .098 | -.216 | 300 | 902 | -.332 | .091 | -.016 | -.774 | 320 | 110 | .197 | .202 | .774 | -.379 |
| 300 | 589 | -.167 | .046 | -.008 | -.338 | 300 | 903 | -.295 | .076 | -.036 | -.640 | 320 | 111 | .200 | .218 | .951 | -.692 |
| 300 | 590 | -.223 | .056 | -.055 | -.484 | 300 | 904 | -.297 | .072 | -.100 | -.698 | 320 | 112 | .151 | .239 | .842 | -.732 |
| 300 | 591 | .028 | .093 | .447 | -.361 | 300 | 905 | -.310 | .069 | -.122 | -.652 | 320 | 113 | -.072 | .103 | .255 | -.440 |
| 300 | 592 | .061 | .076 | .411 | -.139 | 300 | 906 | -.295 | .094 | .020 | -.803 | 320 | 114 | .015 | .136 | .422 | -.378 |
| 300 | 593 | .013 | .059 | .294 | -.136 | 300 | 907 | -.312 | .078 | -.115 | -.782 | 320 | 115 | .138 | .162 | .699 | -.240 |
| 300 | 594 | -.142 | .055 | .054 | -.382 | 300 | 908 | -.324 | .067 | -.086 | -.636 | 320 | 116 | .148 | .154 | .868 | -.206 |
| 300 | 595 | -.137 | .062 | .152 | -.380 | 300 | 909 | -.298 | .066 | -.126 | -.547 | 320 | 117 | .089 | .142 | .720 | -.502 |
| 300 | 596 | -.179 | .074 | .139 | -.478 | 300 | 910 | -.321 | .068 | -.131 | -.604 | 320 | 118 | .033 | .141 | .520 | -.753 |
| 300 | 597 | -.264 | .073 | -.009 | -.522 | 300 | 911 | .400 | .163 | 1.083 | -.222 | 320 | 119 | -.064 | .090 | .262 | -.373 |
| 300 | 598 | -.251 | .100 | .205 | -.661 | 300 | 912 | .379 | .146 | 1.074 | -.346 | 320 | 120 | -.003 | .112 | .450 | -.381 |
| 300 | 599 | -.097 | .113 | .414 | -.423 | 300 | 913 | .277 | .114 | .717 | -.123 | 320 | 121 | .106 | .145 | .659 | -.240 |
| 300 | 600 | -.037 | .137 | .492 | -.379 | 300 | 914 | .110 | .088 | .488 | -.221 | 320 | 122 | .113 | .138 | .799 | -.175 |
| 300 | 701 | -.318 | .072 | -.118 | -.638 | 300 | 915 | .148 | .091 | .555 | -.181 | 320 | 123 | .063 | .118 | .600 | -.570 |
| 300 | 702 | -.204 | .052 | -.037 | -.434 | 300 | 916 | .168 | .098 | .559 | -.129 | 320 | 124 | .014 | .107 | .536 | -.587 |
| 300 | 703 | -.208 | .047 | -.051 | -.400 | 300 | 917 | -.279 | .063 | -.104 | -.734 | 320 | 125 | -.090 | .077 | .213 | -.335 |
| 300 | 704 | -.225 | .051 | -.056 | -.412 | 300 | 918 | -.301 | .059 | -.131 | -.678 | 320 | 126 | -.039 | .094 | .353 | -.280 |
| 300 | 705 | -.275 | .058 | -.077 | -.485 | 300 | 919 | -.298 | .059 | -.136 | -.640 | 320 | 127 | .045 | .122 | .585 | -.231 |
| 300 | 706 | -.305 | .069 | -.109 | -.609 | 300 | 920 | .497 | .159 | 1.006 | -.239 | 320 | 128 | .059 | .112 | .573 | -.186 |
| 300 | 707 | -.107 | .273 | .869 | -1.483 | 300 | 921 | .414 | .159 | 1.065 | -.316 | 320 | 129 | .040 | .106 | .611 | -.380 |
| 300 | 708 | -.470 | .272 | .465 | -1.497 | 300 | 922 | .347 | .138 | .924 | -.274 | 320 | 130 | .012 | .103 | .514 | -.443 |
| 300 | 709 | -.516 | .271 | .308 | -1.565 | 300 | 923 | .076 | .095 | .392 | -.340 | 320 | 131 | -.000 | .076 | .495 | -.333 |
| 300 | 710 | -.363 | .210 | .196 | -1.175 | 300 | 924 | .128 | .099 | .470 | -.323 | 320 | 132 | -.011 | .075 | .501 | -.344 |
| 300 | 711 | -.318 | .202 | .120 | -1.543 | 300 | 925 | .165 | .108 | .617 | -.358 | 320 | 133 | -.154 | .060 | .115 | -.419 |
| 300 | 712 | .282 | .162 | .708 | -.499 | 300 | 926 | -.305 | .098 | -.098 | -1.093 | 320 | 134 | -.098 | .064 | .196 | -.385 |
| 300 | 713 | .059 | .119 | .504 | -.353 | 300 | 927 | -.280 | .060 | -.109 | -.623 | 320 | 135 | -.055 | .065 | .370 | -.263 |
| 300 | 714 | .083 | .076 | .407 | -.182 | 300 | 928 | -.260 | .058 | -.101 | -.563 | 320 | 136 | -.036 | .054 | .234 | -.216 |
| 300 | 715 | .059 | .163 | .702 | -.678 | 300 | 929 | -.417 | .116 | -.036 | -.854 | 320 | 137 | -.043 | .064 | .286 | -.385 |
| 300 | 716 | .094 | .134 | .630 | -.241 | 300 | 930 | -.426 | .111 | -.042 | -.890 | 320 | 138 | -.040 | .066 | .282 | -.397 |
| 300 | 717 | -.282 | .075 | -.054 | -.933 | 300 | 931 | -.407 | .103 | .027 | -.988 | 320 | 139 | -.063 | .049 | .090 | -.373 |
| 300 | 718 | -.248 | .067 | -.080 | -.826 | 300 | 932 | -.370 | .115 | .111 | -.780 | 320 | 140 | -.071 | .061 | .099 | -.502 |
| 300 | 719 | -.269 | .091 | -.062 | -1.052 | 300 | 933 | -.400 | .102 | .033 | -.864 | 320 | 141 | -.140 | .042 | -.015 | -.302 |
| 300 | 720 | -.296 | .079 | -.102 | -.724 | 300 | 934 | -.227 | .157 | .218 | -.820 | 320 | 142 | -.114 | .037 | .013 | -.256 |
| 300 | 721 | -.272 | .066 | -.049 | -.670 | 300 | 935 | -.393 | .112 | .056 | -.760 | 320 | 143 | -.059 | .039 | .087 | -.220 |
| 300 | 722 | -.386 | .088 | -.128 | -.813 | 300 | 936 | -.334 | .096 | .137 | -.693 | 320 | 144 | -.040 | .042 | .137 | -.243 |
| 300 | 723 | -.337 | .088 | -.098 | -.832 | 300 | 937 | -.196 | .125 | .083 | -.708 | 320 | 145 | -.055 | .065 | .142 | -.511 |
| 300 | 724 | -.379 | .141 | -.077 | -1.308 | 300 | 938 | -.202 | .090 | .056 | -.522 | 320 | 146 | -.072 | .072 | .113 | -.537 |
| 300 | 725 | -.256 | .092 | -.034 | -.864 | 300 | 939 | -.266 | .088 | .020 | -.551 | 320 | 147 | -.100 | .053 | .165 | -.321 |
| 300 | 726 | -.264 | .061 | -.083 | -.604 | 300 | 940 | -.185 | .084 | .074 | -.579 | 320 | 148 | -.065 | .050 | .199 | -.244 |
| 300 | 727 | -.279 | .059 | .005 | -.542 | 300 | 941 | -.083 | .070 | .125 | -.341 | 320 | 149 | -.024 | .053 | .262 | -.172 |
| 300 | 728 | -.288 | .070 | -.066 | -.583 | 300 | 942 | -.181 | .082 | .095 | -.517 | 320 | 150 | -.022 | .049 | .189 | -.217 |
| 300 | 729 | -.305 | .083 | .009 | -.718 | 320 | 101 | -.001 | .106 | .350 | -.411 | 320 | 151 | -.044 | .069 | .142 | -.494 |
| 300 | 730 | -.282 | .055 | -.109 | -.512 | 320 | 102 | .072 | .141 | .504 | -.585 | 320 | 152 | -.072 | .093 | .120 | -.678 |
| 300 | 731 | -.303 | .066 | -.140 | -.625 | 320 | 103 | .142 | .177 | .677 | -.613 | 320 | 153 | -.148 | .064 | .200 | -.432 |
| 300 | 732 | -.295 | .068 | -.092 | -.823 | 320 | 104 | .155 | .200 | .907 | -.385 | 320 | 154 | -.160 | .046 | .012 | -.378 |
| 300 | 733 | -.315 | .063 | -.136 | -.556 | 320 | 105 | .203 | .215 | .861 | -.627 | 320 | 155 | -.071 | .095 | .358 | -.464 |
| 300 | 734 | -.311 | .068 | -.127 | -.680 | 320 | 106 | .168 | .247 | .834 | -1.068 | 320 | 156 | -.100 | .075 | .283 | -.333 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 320 | 157 | .023 | .111 | .524 | -.471 | 320 | 229 | -.186 | .078 | 005 | -.925 | 320 | 279 | -.141 | .048 | .051 | -.503 |
| 320 | 158 | .028 | .120 | .624 | -.448 | 320 | 230 | -.170 | .072 | .005 | -.752 | 320 | 280 | -.147 | .074 | .055 | -.640 |
| 320 | 159 | .024 | .108 | .441 | -.741 | 320 | 231 | -.232 | .074 | -.058 | -.654 | 320 | 301 | -.165 | .057 | -.011 | -.438 |
| 320 | 160 | .006 | .066 | .308 | -.248 | 320 | 232 | -.238 | .070 | -.075 | -.535 | 320 | 302 | -.183 | .065 | .003 | -.517 |
| 320 | 161 | .000 | .062 | .388 | -.255 | 320 | 233 | -.220 | .069 | -.014 | -.680 | 320 | 303 | -.203 | .071 | .037 | -.640 |
| 320 | 162 | .009 | .053 | .263 | -.233 | 320 | 234 | -.205 | .067 | .024 | -.552 | 320 | 304 | -.171 | .062 | .005 | -.509 |
| 320 | 163 | .003 | .060 | .415 | -.253 | 320 | 235 | -.222 | .075 | .002 | -.680 | 320 | 305 | -.191 | .069 | -.010 | -.587 |
| 320 | 164 | -.006 | .054 | .251 | -.266 | 320 | 236 | -.233 | .087 | -.053 | -.828 | 320 | 306 | -.201 | .074 | -.007 | -.695 |
| 320 | 165 | -.005 | .041 | .178 | -.184 | 320 | 237 | -.221 | .085 | -.038 | -.795 | 320 | 307 | -.169 | .058 | .003 | -.437 |
| 320 | 166 | -.018 | .042 | .189 | -.233 | 320 | 238 | -.203 | .082 | -.002 | -.729 | 320 | 308 | -.180 | .058 | -.001 | -.431 |
| 320 | 167 | .013 | .040 | .218 | -.117 | 320 | 239 | -.179 | .062 | .047 | -.633 | 320 | 309 | -.176 | .060 | .008 | -.563 |
| 320 | 168 | -.011 | .041 | .194 | -.166 | 320 | 240 | -.185 | .058 | .050 | -.617 | 320 | 310 | -.181 | .062 | .007 | -.690 |
| 320 | 169 | .007 | .044 | .236 | -.150 | 320 | 241 | -.176 | .061 | -.028 | -.680 | 320 | 311 | -.189 | .061 | -.036 | -.517 |
| 320 | 170 | .019 | .069 | .400 | -.384 | 320 | 242 | -.162 | .062 | -.016 | -.649 | 320 | 312 | -.216 | .066 | -.061 | -.614 |
| 320 | 171 | .006 | .071 | .377 | -.439 | 320 | 243 | -.177 | .059 | .054 | -.521 | 320 | 313 | -.179 | .062 | -.007 | -.466 |
| 320 | 172 | -.012 | .068 | .349 | -.392 | 320 | 244 | -.186 | .051 | -.019 | -.500 | 320 | 314 | -.188 | .066 | -.005 | -.505 |
| 320 | 173 | .011 | .062 | .463 | -.174 | 320 | 245 | -.201 | .073 | -.040 | -.760 | 320 | 315 | -.195 | .063 | -.024 | -.496 |
| 320 | 174 | -.013 | .058 | .299 | -.346 | 320 | 246 | -.191 | .072 | -.032 | -.700 | 320 | 316 | -.202 | .054 | -.064 | -.462 |
| 320 | 175 | .027 | .062 | .381 | -.108 | 320 | 247 | -.089 | .070 | .241 | -.354 | 320 | 317 | -.200 | .053 | -.069 | -.518 |
| 320 | 176 | -.010 | .063 | .400 | -.260 | 320 | 248 | -.180 | .068 | .043 | -.594 | 320 | 318 | -.218 | .061 | -.082 | -.539 |
| 320 | 177 | .056 | .073 | .416 | -.110 | 320 | 249 | -.184 | .082 | .019 | -.791 | 320 | 319 | -.218 | .080 | -.014 | -.652 |
| 320 | 178 | .046 | .068 | .388 | -.122 | 320 | 250 | -.156 | .038 | -.023 | -.299 | 320 | 320 | -.230 | .083 | -.022 | -.722 |
| 320 | 201 | -.213 | .092 | -.023 | -.834 | 320 | 251 | -.163 | .041 | -.048 | -.342 | 320 | 321 | -.247 | .086 | .029 | -.671 |
| 320 | 202 | -.198 | .081 | -.008 | -.747 | 320 | 252 | -.156 | .039 | -.006 | -.330 | 320 | 322 | -.222 | .057 | -.081 | -.494 |
| 320 | 203 | -.183 | .085 | .064 | -.754 | 320 | 253 | -.159 | .041 | -.042 | -.365 | 320 | 323 | -.178 | .046 | -.046 | -.399 |
| 320 | 204 | -.190 | .085 | .036 | -.641 | 320 | 254 | -.141 | .039 | -.030 | -.327 | 320 | 324 | -.196 | .054 | -.043 | -.476 |
| 320 | 205 | -.184 | .076 | .015 | -.492 | 320 | 255 | -.161 | .045 | -.022 | -.363 | 320 | 325 | -.243 | .100 | -.031 | -.767 |
| 320 | 206 | -.175 | .074 | .024 | -.608 | 320 | 256 | -.171 | .046 | -.042 | -.386 | 320 | 326 | -.258 | .102 | -.047 | -.779 |
| 320 | 207 | -.207 | .087 | -.017 | -.742 | 320 | 257 | -.159 | .042 | -.036 | -.328 | 320 | 327 | -.276 | .113 | -.043 | -.977 |
| 320 | 208 | -.202 | .081 | -.024 | -.720 | 320 | 258 | -.150 | .053 | .031 | -.487 | 320 | 328 | -.298 | .125 | -.031 | -1.193 |
| 320 | 209 | -.184 | .075 | .024 | -.581 | 320 | 259 | -.151 | .047 | .109 | -.324 | 320 | 329 | -.290 | .132 | .015 | -1.093 |
| 320 | 210 | -.174 | .080 | .027 | -.703 | 320 | 260 | -.153 | .045 | .017 | -.399 | 320 | 330 | -.304 | .140 | .001 | -1.336 |
| 320 | 211 | -.189 | .081 | .042 | -.676 | 320 | 261 | -.154 | .044 | .041 | -.334 | 320 | 331 | -.180 | .071 | .021 | -.700 |
| 320 | 212 | -.194 | .080 | .026 | -.655 | 320 | 262 | -.144 | .035 | -.016 | -.306 | 320 | 332 | -.186 | .050 | -.007 | -.467 |
| 320 | 213 | -.215 | .075 | -.056 | -.678 | 320 | 263 | -.157 | .034 | -.035 | -.316 | 320 | 333 | -.155 | .040 | -.004 | -.311 |
| 320 | 214 | -.196 | .068 | -.049 | -.564 | 320 | 264 | -.130 | .029 | -.031 | -.272 | 320 | 334 | -.169 | .044 | -.021 | -.345 |
| 320 | 215 | -.199 | .068 | .007 | -.563 | 320 | 265 | -.132 | .040 | .031 | -.325 | 320 | 336 | -.160 | .040 | -.019 | -.361 |
| 320 | 216 | -.201 | .077 | -.012 | -.746 | 320 | 266 | -.116 | .037 | .008 | -.314 | 320 | 337 | -.166 | .041 | -.036 | -.369 |
| 320 | 217 | -.192 | .087 | .019 | -.880 | 320 | 267 | -.159 | .040 | -.030 | -.359 | 320 | 338 | -.163 | .042 | -.030 | -.342 |
| 320 | 218 | -.172 | .072 | .043 | -.651 | 320 | 268 | -.123 | .036 | .012 | -.251 | 320 | 339 | -.158 | .044 | .005 | -.366 |
| 320 | 219 | -.212 | .079 | -.034 | -.766 | 320 | 269 | -.112 | .046 | .079 | -.402 | 320 | 340 | -.154 | .042 | -.019 | -.322 |
| 320 | 220 | -.204 | .069 | -.042 | -.677 | 320 | 270 | -.110 | .044 | .022 | -.419 | 320 | 341 | -.150 | .042 | -.031 | -.328 |
| 320 | 221 | -.188 | .066 | -.007 | -.607 | 320 | 271 | -.144 | .048 | .001 | -.539 | 320 | 342 | -.177 | .046 | -.049 | -.361 |
| 320 | 222 | -.172 | .080 | .005 | -.774 | 320 | 272 | -.141 | .043 | .033 | -.337 | 320 | 343 | -.139 | .051 | .012 | -.354 |
| 320 | 223 | -.181 | .083 | .033 | -.824 | 320 | 273 | -.168 | .052 | -.022 | -.464 | 320 | 344 | -.154 | .048 | .029 | -.402 |
| 320 | 224 | -.187 | .081 | .002 | -.914 | 320 | 274 | -.184 | .065 | -.004 | -.558 | 320 | 345 | -.150 | .048 | .017 | -.335 |
| 320 | 225 | -.237 | .091 | .059 | -1.151 | 320 | 275 | -.097 | .048 | .059 | -.453 | 320 | 346 | -.166 | .046 | -.006 | -.361 |
| 320 | 226 | -.212 | .076 | -.006 | -.611 | 320 | 276 | -.082 | .046 | .067 | -.425 | 320 | 347 | -.133 | .049 | .048 | -.419 |
| 320 | 227 | -.202 | .068 | .047 | -.587 | 320 | 277 | -.105 | .044 | .048 | -.368 | 320 | 348 | -.136 | .048 | .012 | -.422 |
| 320 | 228 | -.201 | .075 | .050 | -.608 | 320 | 278 | -.122 | .044 | .036 | -.549 | 320 | 349 | -.156 | .069 | .066 | -.821 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 320 | 350 | -.163 | .058 | .033 | -.456 | 320 | 400 | -.110 | .040 | .020 | -.377 | 320 | 542 | -.003 | .053 | .289 | -.237 |
| 320 | 351 | -.171 | .054 | .005 | -.464 | 320 | 401 | -.119 | .057 | .071 | -.363 | 320 | 543 | -.010 | .042 | .200 | -.169 |
| 320 | 352 | -.174 | .054 | -.002 | -.479 | 320 | 402 | -.118 | .054 | .030 | -.380 | 320 | 544 | -.005 | .043 | .246 | -.196 |
| 320 | 353 | -.146 | .051 | .004 | -.448 | 320 | 403 | -.134 | .044 | .035 | -.369 | 320 | 545 | -.008 | .044 | .241 | -.138 |
| 320 | 354 | -.144 | .053 | .006 | -.434 | 320 | 404 | -.128 | .041 | .036 | -.302 | 320 | 546 | .006 | .042 | .264 | -.099 |
| 320 | 355 | -.153 | .055 | -.011 | -.469 | 320 | 405 | -.116 | .044 | .020 | -.327 | 320 | 547 | .032 | .054 | .389 | -.106 |
| 320 | 356 | -.163 | .057 | -.013 | -.450 | 320 | 406 | -.095 | .041 | .090 | -.265 | 320 | 548 | .028 | .055 | .467 | -.129 |
| 320 | 357 | -.151 | .048 | -.017 | -.406 | 320 | 407 | -.096 | .064 | .074 | -.807 | 320 | 549 | -.096 | .137 | .332 | -.952 |
| 320 | 358 | -.140 | .038 | -.020 | -.337 | 320 | 408 | -.099 | .066 | .070 | -.758 | 320 | 550 | -.066 | .112 | .344 | -.664 |
| 320 | 359 | -.139 | .036 | -.011 | -.306 | 320 | 501 | .062 | .269 | .849 | -1.012 | 320 | 551 | -.046 | .096 | .359 | -.597 |
| 320 | 360 | -.150 | .038 | -.031 | -.331 | 320 | 502 | .103 | .220 | .774 | -1.051 | 320 | 552 | -.067 | .079 | .223 | -.466 |
| 320 | 361 | -.157 | .055 | -.010 | -.511 | 320 | 503 | .101 | .157 | .532 | -.502 | 320 | 553 | -.087 | .067 | .211 | -.454 |
| 320 | 362 | -.156 | .057 | -.013 | -.500 | 320 | 504 | .085 | .139 | .528 | -.492 | 320 | 554 | -.099 | .058 | .163 | -.428 |
| 320 | 363 | -.147 | .040 | -.013 | -.346 | 320 | 505 | .025 | .125 | .444 | -.414 | 320 | 555 | -.079 | .061 | .230 | -.392 |
| 320 | 364 | -.160 | .040 | -.055 | -.387 | 320 | 506 | -.061 | .076 | .170 | -.355 | 320 | 556 | -.106 | .054 | .113 | -.394 |
| 320 | 365 | -.161 | .037 | -.035 | -.295 | 320 | 507 | .067 | .274 | .820 | -1.003 | 320 | 557 | -.053 | .097 | .348 | -.689 |
| 320 | 366 | -.140 | .037 | -.026 | -.308 | 320 | 508 | .121 | .222 | .710 | -.860 | 320 | 558 | -.031 | .086 | .365 | -.616 |
| 320 | 367 | -.142 | .040 | -.006 | -.332 | 320 | 509 | .129 | .154 | .696 | -.377 | 320 | 559 | -.008 | .066 | .380 | -.258 |
| 320 | 368 | -.130 | .035 | -.013 | -.351 | 320 | 510 | .096 | .135 | .494 | -.289 | 320 | 560 | -.040 | .059 | .274 | -.248 |
| 320 | 369 | -.141 | .039 | -.017 | -.335 | 320 | 511 | .017 | .105 | .417 | -.269 | 320 | 561 | -.084 | .049 | .172 | -.249 |
| 320 | 370 | -.113 | .038 | .030 | -.275 | 320 | 512 | -.046 | .083 | .332 | -.373 | 320 | 562 | -.119 | .044 | .066 | -.294 |
| 320 | 371 | -.122 | .042 | .053 | -.351 | 320 | 513 | -.046 | .205 | .635 | -.960 | 320 | 563 | -.011 | .063 | .433 | -.282 |
| 320 | 372 | -.128 | .038 | .015 | -.341 | 320 | 514 | -.023 | .193 | .524 | -.919 | 320 | 564 | -.007 | .064 | .369 | -.234 |
| 320 | 373 | -.136 | .037 | -.015 | -.293 | 320 | 515 | .028 | .112 | .500 | -.465 | 320 | 565 | .001 | .076 | .526 | -.291 |
| 320 | 374 | -.142 | .046 | -.021 | -.341 | 320 | 516 | .004 | .091 | .445 | -.282 | 320 | 566 | -.001 | .071 | .327 | -.363 |
| 320 | 375 | -.144 | .047 | -.030 | -.358 | 320 | 517 | -.067 | .070 | .249 | -.279 | 320 | 567 | -.035 | .058 | .250 | -.230 |
| 320 | 376 | -.160 | .062 | -.013 | -.556 | 320 | 518 | -.125 | .063 | .174 | -.468 | 320 | 568 | -.066 | .045 | .133 | -.219 |
| 320 | 377 | -.152 | .039 | -.006 | -.338 | 320 | 519 | -.081 | .162 | .334 | -.989 | 320 | 569 | -.103 | .045 | .085 | -.283 |
| 320 | 378 | -.149 | .043 | -.017 | -.327 | 320 | 520 | -.070 | .156 | .319 | -.943 | 320 | 570 | -.008 | .059 | .379 | -.205 |
| 320 | 379 | -.170 | .052 | -.027 | -.429 | 320 | 521 | -.006 | .082 | .352 | -.406 | 320 | 571 | .007 | .071 | .514 | -.221 |
| 320 | 380 | -.141 | .049 | .008 | -.328 | 320 | 522 | -.030 | .066 | .309 | -.227 | 320 | 572 | .004 | .056 | .458 | -.194 |
| 320 | 381 | -.144 | .049 | -.013 | -.329 | 320 | 523 | -.097 | .060 | .276 | -.335 | 320 | 573 | .019 | .074 | .609 | -.166 |
| 320 | 382 | -.145 | .046 | -.036 | -.331 | 320 | 524 | -.138 | .061 | .179 | -.496 | 320 | 574 | .000 | .060 | .514 | -.168 |
| 320 | 383 | -.143 | .049 | -.012 | -.352 | 320 | 525 | -.096 | .061 | .223 | -.457 | 320 | 575 | .023 | .070 | .549 | -.124 |
| 320 | 384 | -.152 | .049 | -.030 | -.351 | 320 | 526 | -.155 | .070 | .085 | -.674 | 320 | 576 | .061 | .075 | .523 | -.092 |
| 320 | 385 | -.144 | .047 | -.027 | -.384 | 320 | 527 | -.095 | .060 | .132 | -.407 | 320 | 577 | -.056 | .103 | .416 | -.518 |
| 320 | 386 | -.141 | .050 | -.020 | -.403 | 320 | 528 | -.144 | .066 | .066 | -.630 | 320 | 578 | -.051 | .092 | .344 | -.496 |
| 320 | 387 | -.144 | .056 | .018 | -.464 | 320 | 529 | -.033 | .093 | .327 | -.971 | 320 | 579 | -.068 | .068 | .289 | -.338 |
| 320 | 388 | -.155 | .050 | -.004 | -.384 | 320 | 530 | -.025 | .097 | .416 | -1.249 | 320 | 580 | -.081 | .055 | .108 | -.422 |
| 320 | 389 | -.156 | .051 | -.001 | -.499 | 320 | 531 | .004 | .078 | .382 | -.408 | 320 | 581 | -.101 | .050 | .120 | -.390 |
| 320 | 390 | -.159 | .047 | -.006 | -.401 | 320 | 532 | .021 | .097 | .423 | -.603 | 320 | 582 | -.114 | .046 | .062 | -.375 |
| 320 | 391 | -.153 | .049 | -.045 | -.352 | 320 | 533 | -.002 | .082 | .429 | -.246 | 320 | 583 | -.115 | .042 | .078 | -.301 |
| 320 | 392 | -.162 | .049 | -.042 | -.417 | 320 | 534 | -.105 | .069 | .215 | -.328 | 320 | 584 | -.108 | .042 | .055 | -.314 |
| 320 | 393 | -.168 | .051 | -.049 | -.407 | 320 | 535 | -.136 | .070 | .198 | -.441 | 320 | 585 | -.050 | .080 | .339 | -.383 |
| 320 | 394 | -.158 | .058 | -.024 | -.483 | 320 | 536 | -.025 | .078 | .279 | -.448 | 320 | 586 | -.044 | .068 | .265 | -.352 |
| 320 | 395 | -.152 | .056 | -.014 | -.434 | 320 | 537 | -.001 | .087 | .332 | -.512 | 320 | 587 | -.057 | .041 | .112 | -.200 |
| 320 | 396 | -.135 | .042 | -.011 | -.337 | 320 | 538 | -.020 | .059 | .252 | -.290 | 320 | 588 | -.091 | .035 | .055 | -.229 |
| 320 | 397 | -.148 | .052 | -.015 | -.384 | 320 | 539 | .008 | .064 | .396 | -.282 | 320 | 589 | -.112 | .035 | -.006 | -.257 |
| 320 | 398 | -.154 | .049 | -.022 | -.396 | 320 | 540 | -.022 | .051 | .272 | -.280 | 320 | 590 | -.126 | .038 | -.014 | -.291 |
| 320 | 399 | -.137 | .042 | -.026 | -.350 | 320 | 541 | -.009 | .055 | .255 | -.275 | 320 | 591 | -.005 | .079 | .390 | -.283 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 320 | 592 | .007 | .068 | .334 | -.157 | 320 | 906 | -.170 | .062 | -.009 | -.619 | 340 | 114 | .237 | .085 | .592 | -.058 |
| 320 | 593 | -.034 | .039 | .139 | -.145 | 320 | 907 | -.158 | .053 | -.021 | -.588 | 340 | 115 | .494 | .113 | .895 | .172 |
| 320 | 594 | -.111 | .038 | .004 | -.317 | 320 | 908 | -.185 | .060 | .004 | -.471 | 340 | 116 | .578 | .125 | 1.037 | .224 |
| 320 | 595 | -.100 | .036 | .053 | -.239 | 320 | 909 | -.178 | .059 | -.007 | -.494 | 340 | 117 | .450 | .124 | .867 | -.006 |
| 320 | 596 | -.111 | .039 | .065 | -.276 | 320 | 910 | -.203 | .068 | -.004 | -.584 | 340 | 118 | .258 | .116 | .687 | -.139 |
| 320 | 597 | -.157 | .044 | -.041 | -.329 | 320 | 911 | .001 | .090 | .451 | -.275 | 340 | 119 | .020 | .069 | .280 | -.204 |
| 320 | 598 | -.163 | .048 | -.039 | -.379 | 320 | 912 | .007 | .082 | .414 | -.294 | 340 | 120 | .158 | .084 | .450 | -.086 |
| 320 | 599 | -.118 | .040 | -.008 | -.292 | 320 | 913 | -.013 | .061 | .322 | -.179 | 340 | 121 | .426 | .118 | .805 | .106 |
| 320 | 600 | -.114 | .048 | .097 | -.330 | 320 | 914 | -.064 | .055 | .296 | -.239 | 340 | 122 | .508 | .133 | .942 | .174 |
| 320 | 701 | -.126 | .067 | .131 | -.459 | 320 | 915 | -.049 | .058 | .340 | -.225 | 340 | 123 | .396 | .132 | .855 | .006 |
| 320 | 702 | -.203 | .088 | .027 | -.664 | 320 | 916 | -.024 | .060 | .366 | -.207 | 340 | 124 | .157 | .137 | .654 | -.226 |
| 320 | 703 | -.178 | .086 | .049 | -1.130 | 320 | 917 | -.142 | .045 | -.033 | -.337 | 340 | 125 | -.072 | .075 | .181 | -.530 |
| 320 | 704 | -.187 | .077 | -.005 | -.674 | 320 | 918 | -.160 | .045 | -.039 | -.374 | 340 | 126 | .078 | .083 | .380 | -.269 |
| 320 | 705 | -.230 | .079 | -.023 | -.785 | 320 | 919 | -.157 | .045 | -.016 | -.386 | 340 | 127 | .316 | .111 | .699 | -.008 |
| 320 | 706 | -.203 | .086 | .042 | -.744 | 320 | 920 | .026 | .114 | .524 | -.519 | 340 | 128 | .413 | .129 | .810 | .080 |
| 320 | 707 | .115 | .291 | 1.104 | -1.478 | 320 | 921 | .020 | .125 | .535 | -.548 | 340 | 129 | .360 | .129 | .807 | -.013 |
| 320 | 708 | -.107 | .220 | .442 | -1.397 | 320 | 922 | .003 | .098 | .586 | -.232 | 340 | 130 | .216 | .138 | .693 | -.183 |
| 320 | 709 | -.049 | .120 | .353 | -.938 | 320 | 923 | -.059 | .090 | .446 | -.308 | 340 | 131 | .269 | .114 | .682 | -.022 |
| 320 | 710 | -.045 | .072 | .242 | -.497 | 320 | 924 | -.018 | .092 | .522 | -.258 | 340 | 132 | .224 | .123 | .700 | -.118 |
| 320 | 711 | -.089 | .115 | .173 | -1.078 | 320 | 925 | -.011 | .087 | .633 | -.225 | 340 | 133 | -.185 | .066 | .082 | -.463 |
| 320 | 712 | -.066 | .114 | .270 | -.837 | 320 | 926 | -.216 | .075 | .008 | -.709 | 340 | 134 | -.052 | .064 | .335 | -.254 |
| 320 | 713 | -.034 | .063 | .263 | -.317 | 320 | 927 | -.187 | .058 | .039 | -.619 | 340 | 135 | .087 | .065 | .373 | -.118 |
| 320 | 714 | .016 | .056 | .307 | -.232 | 320 | 928 | -.158 | .055 | .043 | -.544 | 340 | 136 | .149 | .072 | .436 | -.044 |
| 320 | 715 | -.036 | .104 | .519 | -.519 | 320 | 929 | -.174 | .114 | .215 | -.571 | 340 | 137 | .141 | .089 | .488 | -.082 |
| 320 | 716 | .029 | .093 | .633 | -.195 | 320 | 930 | -.145 | .138 | .319 | -.676 | 340 | 138 | .132 | .099 | .573 | -.138 |
| 320 | 717 | -.201 | .069 | -.025 | -.532 | 320 | 931 | .015 | .164 | .531 | -.699 | 340 | 139 | -.008 | .044 | .182 | -.159 |
| 320 | 718 | -.204 | .076 | .006 | -.682 | 320 | 932 | -.174 | .128 | .258 | -.661 | 340 | 140 | -.007 | .047 | .175 | -.184 |
| 320 | 719 | -.295 | .148 | -.004 | -1.911 | 320 | 933 | .017 | .176 | .686 | -.568 | 340 | 141 | -.106 | .060 | .139 | -.424 |
| 320 | 720 | -.158 | .059 | -.006 | -.621 | 320 | 934 | -.258 | .197 | .291 | -.984 | 340 | 142 | -.040 | .044 | .131 | -.210 |
| 320 | 721 | -.162 | .064 | .032 | -.801 | 320 | 935 | -.061 | .123 | .255 | -.621 | 340 | 143 | .074 | .045 | .340 | -.061 |
| 320 | 722 | -.149 | .050 | -.031 | -.476 | 320 | 936 | -.060 | .082 | .217 | -.377 | 340 | 144 | .070 | .045 | .251 | -.058 |
| 320 | 723 | -.148 | .052 | -.017 | -.399 | 320 | 937 | -.233 | .142 | .146 | -.877 | 340 | 145 | .043 | .041 | .184 | -.121 |
| 320 | 724 | -.157 | .060 | -.008 | -.413 | 320 | 938 | -.108 | .096 | .112 | -.676 | 340 | 146 | .033 | .043 | .188 | -.227 |
| 320 | 725 | -.204 | .082 | -.026 | -.745 | 320 | 939 | -.047 | .071 | .140 | -.381 | 340 | 147 | .023 | .063 | .217 | -.317 |
| 320 | 726 | -.229 | .074 | -.078 | -.669 | 320 | 940 | -.209 | .106 | .116 | -.762 | 340 | 148 | .111 | .060 | .352 | -.058 |
| 320 | 727 | -.198 | .060 | -.014 | -.485 | 320 | 941 | -.085 | .092 | .146 | -.513 | 340 | 149 | .228 | .082 | .588 | .030 |
| 320 | 728 | -.219 | .077 | -.044 | -.632 | 320 | 942 | -.042 | .078 | .180 | -.409 | 340 | 150 | .223 | .083 | .557 | .004 |
| 320 | 729 | -.170 | .056 | .031 | -.683 | 340 | 101 | .064 | .064 | .299 | -.173 | 340 | 151 | .171 | .064 | .472 | -.029 |
| 320 | 730 | -.181 | .048 | -.062 | -.399 | 340 | 102 | .171 | .078 | .466 | -.084 | 340 | 152 | .138 | .058 | .397 | -.077 |
| 320 | 731 | -.159 | .047 | -.026 | -.422 | 340 | 103 | .287 | .093 | .600 | -.035 | 340 | 153 | .036 | .117 | .509 | -.373 |
| 320 | 732 | -.149 | .050 | .041 | -.415 | 340 | 104 | .334 | .111 | .670 | -.042 | 340 | 154 | -.052 | .100 | .337 | -.344 |
| 320 | 733 | -.152 | .048 | -.020 | -.471 | 340 | 105 | .400 | .117 | .730 | .016 | 340 | 155 | .114 | .128 | .786 | -.209 |
| 320 | 734 | -.173 | .054 | -.027 | -.466 | 340 | 106 | .310 | .115 | .651 | -.159 | 340 | 156 | .072 | .106 | .593 | -.195 |
| 320 | 735 | -.147 | .044 | -.020 | -.349 | 340 | 107 | .088 | .067 | .311 | -.188 | 340 | 157 | .245 | .188 | .981 | -.435 |
| 320 | 736 | -.099 | .065 | .058 | -.539 | 340 | 108 | .237 | .086 | .500 | -.074 | 340 | 158 | .434 | .156 | .898 | -.090 |
| 320 | 901 | -.154 | .048 | -.023 | -.395 | 340 | 109 | .431 | .113 | .746 | .016 | 340 | 159 | .357 | .130 | .800 | -.005 |
| 320 | 902 | -.155 | .047 | -.020 | -.334 | 340 | 110 | .499 | .110 | .822 | .142 | 340 | 160 | .068 | .138 | .612 | -.402 |
| 320 | 903 | -.145 | .046 | -.024 | -.361 | 340 | 111 | .498 | .122 | .879 | .124 | 340 | 161 | .181 | .131 | .587 | -.343 |
| 320 | 904 | -.164 | .055 | -.033 | -.425 | 340 | 112 | .259 | .130 | .654 | -.284 | 340 | 162 | .066 | .114 | .477 | -.348 |
| 320 | 905 | -.167 | .051 | -.041 | -.572 | 340 | 113 | .058 | .063 | .304 | -.176 | 340 | 163 | .066 | .128 | .604 | -.395 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 340 | 164 | .140 | .115 | .577 | -.269 | 340 | 236 | -.412 | .127 | -.125 | -1.470 | 340 | 306 | -.269 | .075 | -.052 | -.597 |
| 340 | 165 | .031 | .071 | .359 | -.159 | 340 | 237 | -.397 | .113 | -.097 | -1.190 | 340 | 307 | -.214 | .060 | -.030 | -.449 |
| 340 | 166 | .078 | .070 | .367 | -.148 | 340 | 238 | -.382 | .110 | -.149 | -1.418 | 340 | 308 | -.224 | .060 | -.046 | -.452 |
| 340 | 167 | .083 | .057 | .335 | -.083 | 340 | 239 | -.311 | .085 | -.063 | -.690 | 340 | 309 | -.250 | .064 | -.064 | -.535 |
| 340 | 168 | .069 | .054 | .309 | -.141 | 340 | 240 | -.312 | .083 | -.084 | -.633 | 340 | 310 | -.235 | .061 | -.043 | -.523 |
| 340 | 169 | .146 | .082 | .573 | -.061 | 340 | 241 | -.286 | .083 | -.045 | -.638 | 340 | 311 | -.252 | .070 | .003 | -.561 |
| 340 | 170 | .178 | .122 | .653 | -.152 | 340 | 242 | -.245 | .078 | -.011 | -.640 | 340 | 312 | -.282 | .076 | -.059 | -.643 |
| 340 | 171 | .287 | .137 | .853 | -.099 | 340 | 243 | -.220 | .082 | .040 | -.635 | 340 | 313 | -.220 | .050 | -.057 | -.424 |
| 340 | 172 | .202 | .107 | .664 | -.108 | 340 | 244 | -.206 | .093 | .103 | -.548 | 340 | 314 | -.232 | .052 | -.067 | -.441 |
| 340 | 173 | .014 | .070 | .487 | -.231 | 340 | 245 | -.280 | .131 | .050 | -.942 | 340 | 315 | -.241 | .052 | -.059 | -.444 |
| 340 | 174 | .073 | .073 | .395 | -.134 | 340 | 246 | -.312 | .130 | -.037 | -1.052 | 340 | 316 | -.256 | .053 | -.085 | -.492 |
| 340 | 175 | .042 | .061 | .291 | -.266 | 340 | 247 | .061 | .095 | .478 | -.234 | 340 | 317 | -.225 | .050 | -.033 | -.434 |
| 340 | 176 | .016 | .067 | .283 | -.428 | 340 | 248 | -.171 | .125 | .114 | -.800 | 340 | 318 | -.257 | .062 | -.067 | -.618 |
| 340 | 177 | .116 | .075 | .435 | -.099 | 340 | 249 | -.168 | .136 | .135 | -.952 | 340 | 319 | -.228 | .062 | -.081 | -.560 |
| 340 | 178 | .109 | .072 | .425 | -.071 | 340 | 250 | -.324 | .082 | -.114 | -.711 | 340 | 320 | -.243 | .065 | -.086 | -.568 |
| 340 | 201 | -.331 | .113 | -.006 | -.895 | 340 | 251 | -.328 | .086 | -.107 | -.719 | 340 | 321 | -.260 | .071 | -.054 | -.556 |
| 340 | 202 | -.346 | .099 | -.045 | -.829 | 340 | 252 | -.316 | .088 | -.040 | -.709 | 340 | 322 | -.261 | .053 | -.073 | -.475 |
| 340 | 203 | -.304 | .085 | -.008 | -.885 | 340 | 253 | -.350 | .094 | -.094 | -.756 | 340 | 323 | -.248 | .058 | -.069 | -.505 |
| 340 | 204 | -.302 | .071 | -.087 | -.878 | 340 | 254 | -.320 | .085 | -.087 | -.695 | 340 | 324 | -.288 | .077 | -.067 | -.700 |
| 340 | 205 | -.282 | .064 | -.109 | -.594 | 340 | 255 | -.361 | .105 | -.101 | -1.005 | 340 | 325 | -.274 | .090 | -.071 | -.807 |
| 340 | 206 | -.257 | .061 | -.044 | -1.047 | 340 | 256 | -.359 | .098 | -.077 | -.775 | 340 | 326 | -.301 | .097 | -.092 | -.865 |
| 340 | 207 | -.312 | .105 | -.039 | -.983 | 340 | 257 | -.338 | .091 | -.087 | -.664 | 340 | 327 | -.325 | .109 | -.085 | -.920 |
| 340 | 208 | -.305 | .092 | -.051 | -.835 | 340 | 258 | -.357 | .118 | -.049 | -.992 | 340 | 328 | -.357 | .129 | -.084 | -.992 |
| 340 | 209 | -.283 | .073 | -.028 | -.819 | 340 | 259 | -.355 | .098 | -.092 | -.714 | 340 | 329 | -.363 | .120 | -.121 | -.929 |
| 340 | 210 | -.269 | .064 | -.075 | -.537 | 340 | 260 | -.306 | .114 | .038 | -.785 | 340 | 330 | -.397 | .141 | -.131 | -1.190 |
| 340 | 211 | -.273 | .061 | -.075 | -.534 | 340 | 261 | -.303 | .102 | -.024 | -.762 | 340 | 331 | -.299 | .075 | -.059 | -.607 |
| 340 | 212 | -.272 | .060 | -.077 | -.527 | 340 | 262 | -.283 | .087 | -.038 | -.654 | 340 | 332 | -.312 | .069 | -.115 | -.587 |
| 340 | 213 | -.331 | .110 | -.040 | -.963 | 340 | 263 | -.295 | .083 | -.073 | -.633 | 340 | 333 | -.308 | .085 | -.043 | -.671 |
| 340 | 214 | -.306 | .100 | -.104 | -1.068 | 340 | 264 | -.247 | .075 | -.059 | -.581 | 340 | 334 | -.342 | .092 | -.104 | -.796 |
| 340 | 215 | -.282 | .069 | -.111 | -.620 | 340 | 265 | -.236 | .120 | .125 | -.916 | 340 | 336 | -.317 | .084 | -.079 | -.647 |
| 340 | 216 | -.263 | .060 | -.096 | -.527 | 340 | 266 | -.208 | .100 | .060 | -.625 | 340 | 337 | -.321 | .083 | -.097 | -.661 |
| 340 | 217 | -.247 | .056 | -.092 | -.482 | 340 | 267 | -.232 | .117 | .180 | -.772 | 340 | 338 | -.347 | .094 | -.083 | -.710 |
| 340 | 218 | -.247 | .058 | -.078 | -.502 | 340 | 268 | -.185 | .093 | .047 | -.598 | 340 | 339 | -.340 | .096 | -.050 | -.768 |
| 340 | 219 | -.393 | .133 | -.056 | -1.334 | 340 | 269 | -.128 | .075 | .101 | -.443 | 340 | 340 | -.334 | .097 | .002 | -.789 |
| 340 | 220 | -.359 | .121 | -.104 | -1.070 | 340 | 270 | -.129 | .067 | .055 | -.382 | 340 | 341 | -.337 | .098 | -.059 | -.738 |
| 340 | 221 | -.325 | .084 | -.068 | -.914 | 340 | 271 | -.181 | .061 | .030 | -.485 | 340 | 342 | -.363 | .100 | -.052 | -.760 |
| 340 | 222 | -.267 | .066 | -.075 | -.578 | 340 | 272 | -.176 | .055 | -.040 | -.427 | 340 | 343 | -.310 | .103 | -.000 | -.747 |
| 340 | 223 | -.265 | .063 | -.058 | -.738 | 340 | 273 | -.222 | .067 | -.067 | -.539 | 340 | 344 | -.326 | .104 | -.031 | -.880 |
| 340 | 224 | -.266 | .062 | -.067 | -.719 | 340 | 274 | -.360 | .116 | -.083 | -.976 | 340 | 345 | -.306 | .105 | .022 | -.683 |
| 340 | 225 | -.417 | .125 | -.104 | -1.372 | 340 | 275 | -.125 | .082 | .094 | -.513 | 340 | 346 | -.329 | .105 | -.064 | -.712 |
| 340 | 226 | -.393 | .116 | .067 | -.973 | 340 | 276 | -.097 | .067 | .118 | -.394 | 340 | 347 | -.193 | .080 | .006 | -.648 |
| 340 | 227 | -.371 | .102 | -.058 | -.947 | 340 | 277 | -.134 | .054 | .058 | -.410 | 340 | 348 | -.189 | .071 | .039 | -.611 |
| 340 | 228 | -.352 | .096 | -.091 | -1.143 | 340 | 278 | -.153 | .048 | .005 | -.355 | 340 | 349 | -.226 | .073 | -.037 | -.604 |
| 340 | 229 | -.333 | .083 | -.116 | -.907 | 340 | 279 | -.195 | .066 | .013 | -.535 | 340 | 350 | -.255 | .057 | -.104 | -.451 |
| 340 | 230 | -.309 | .076 | -.099 | -.852 | 340 | 280 | -.297 | .114 | -.012 | -.922 | 340 | 351 | -.283 | .067 | -.101 | -.597 |
| 340 | 231 | -.415 | .117 | -.092 | -1.046 | 340 | 301 | -.209 | .060 | -.020 | -.437 | 340 | 352 | -.296 | .075 | -.090 | -.642 |
| 340 | 232 | -.408 | .115 | -.077 | -.883 | 340 | 302 | -.215 | .058 | -.004 | -.458 | 340 | 353 | -.197 | .078 | .016 | -.703 |
| 340 | 233 | -.377 | .099 | -.101 | -.829 | 340 | 303 | -.239 | .069 | -.035 | -.777 | 340 | 354 | -.201 | .082 | .025 | -.764 |
| 340 | 234 | -.370 | .106 | -.033 | -.880 | 340 | 304 | -.226 | .061 | -.010 | -.481 | 340 | 355 | -.237 | .104 | -.006 | -.841 |
| 340 | 235 | -.409 | .126 | .067 | -1.190 | 340 | 305 | -.258 | .072 | -.041 | -.566 | 340 | 356 | -.251 | .112 | -.024 | -.907 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 340 | 357 | -.240 | .089 | .021 | -.726 | 340 | 407 | -.141 | .108 | .092 | -.668 | 340 | 549 | -.750 | .248 | .058 | -1.593 |
| 340 | 358 | -.237 | .071 | .001 | -.681 | 340 | 408 | -.137 | .106 | .124 | -.745 | 340 | 550 | -.354 | .177 | .102 | -.988 |
| 340 | 359 | -.277 | .078 | -.072 | -.739 | 340 | 501 | -.742 | .256 | -.116 | -1.874 | 340 | 551 | -.162 | .092 | .106 | -.673 |
| 340 | 360 | -.304 | .084 | -.078 | -.710 | 340 | 502 | -.560 | .168 | .145 | -1.078 | 340 | 552 | -.154 | .064 | .083 | -.418 |
| 340 | 361 | -.289 | .126 | -.019 | -1.148 | 340 | 503 | -.199 | .088 | .048 | -.706 | 340 | 553 | -.157 | .055 | .067 | -.429 |
| 340 | 362 | -.302 | .143 | -.039 | -1.192 | 340 | 504 | -.168 | .054 | .051 | -.476 | 340 | 554 | -.162 | .059 | .060 | -.450 |
| 340 | 363 | -.266 | .069 | -.044 | -.562 | 340 | 505 | -.141 | .051 | .079 | -.492 | 340 | 555 | -.147 | .055 | .018 | -.346 |
| 340 | 364 | -.299 | .070 | -.118 | -.677 | 340 | 506 | -.183 | .048 | .014 | -.362 | 340 | 556 | -.170 | .063 | .025 | -.425 |
| 340 | 365 | -.285 | .071 | -.091 | -.617 | 340 | 507 | -.773 | .245 | -.109 | -2.033 | 340 | 557 | -.478 | .131 | .039 | -1.018 |
| 340 | 366 | -.272 | .078 | -.035 | -.649 | 340 | 508 | -.723 | .226 | .041 | -1.751 | 340 | 558 | -.406 | .141 | .153 | -.914 |
| 340 | 367 | -.292 | .087 | -.063 | -.700 | 340 | 509 | -.155 | .087 | .091 | -.691 | 340 | 559 | -.133 | .083 | .078 | -.590 |
| 340 | 368 | -.258 | .081 | -.020 | -.692 | 340 | 510 | -.134 | .050 | .043 | -.377 | 340 | 560 | -.112 | .046 | .057 | -.306 |
| 340 | 369 | -.288 | .089 | -.062 | -.717 | 340 | 511 | -.134 | .044 | .149 | -.315 | 340 | 561 | -.166 | .055 | -.000 | -.461 |
| 340 | 370 | -.201 | .095 | .065 | -.608 | 340 | 512 | -.142 | .046 | .011 | -.331 | 340 | 562 | -.198 | .069 | -.017 | -.635 |
| 340 | 371 | -.254 | .109 | .020 | -.743 | 340 | 513 | -.620 | .169 | -.125 | -1.541 | 340 | 563 | -.238 | .124 | .140 | -.749 |
| 340 | 372 | -.197 | .097 | .081 | -.625 | 340 | 514 | -.619 | .174 | .088 | -1.377 | 340 | 564 | -.188 | .134 | .306 | -.683 |
| 340 | 373 | -.236 | .100 | .034 | -.588 | 340 | 515 | -.259 | .209 | .249 | -.996 | 340 | 565 | -.165 | .142 | .310 | -.822 |
| 340 | 374 | -.209 | .088 | -.010 | -.696 | 340 | 516 | -.113 | .075 | .185 | -.529 | 340 | 566 | -.079 | .081 | .265 | -.475 |
| 340 | 375 | -.217 | .093 | -.004 | -.696 | 340 | 517 | -.145 | .046 | .053 | -.373 | 340 | 567 | -.096 | .049 | .171 | -.318 |
| 340 | 376 | -.234 | .086 | -.016 | -.666 | 340 | 518 | -.195 | .047 | -.035 | -.396 | 340 | 568 | -.149 | .054 | -.007 | -.341 |
| 340 | 377 | -.274 | .076 | -.083 | -.680 | 340 | 519 | -.605 | .193 | .172 | -1.327 | 340 | 569 | -.202 | .071 | -.026 | -.478 |
| 340 | 378 | -.256 | .077 | -.063 | -.626 | 340 | 520 | -.579 | .185 | .182 | -1.400 | 340 | 570 | -.110 | .091 | .256 | -.482 |
| 340 | 379 | -.304 | .084 | -.100 | -.745 | 340 | 521 | -.226 | .169 | .179 | -.876 | 340 | 571 | .143 | .113 | .644 | -.211 |
| 340 | 380 | -.192 | .089 | -.008 | -.618 | 340 | 522 | -.128 | .072 | .146 | -.639 | 340 | 572 | .024 | .055 | .304 | -.191 |
| 340 | 381 | -.202 | .092 | -.013 | -.635 | 340 | 523 | -.173 | .050 | -.005 | -.426 | 340 | 573 | .047 | .064 | .365 | -.194 |
| 340 | 382 | -.201 | .095 | -.022 | -.708 | 340 | 524 | -.193 | .056 | -.026 | -.429 | 340 | 574 | .027 | .052 | .235 | -.224 |
| 340 | 383 | -.200 | .078 | -.023 | -.533 | 340 | 525 | -.187 | .059 | -.023 | -.447 | 340 | 575 | .034 | .055 | .313 | -.135 |
| 340 | 384 | -.233 | .092 | -.034 | -.651 | 340 | 526 | -.234 | .073 | -.026 | -.569 | 340 | 576 | .067 | .062 | .380 | -.159 |
| 340 | 385 | -.221 | .084 | .032 | -.687 | 340 | 527 | -.214 | .065 | -.028 | -.496 | 340 | 577 | -.522 | .196 | -.059 | -1.619 |
| 340 | 386 | -.204 | .081 | .016 | -.677 | 340 | 528 | -.260 | .082 | -.044 | -.663 | 340 | 578 | -.266 | .129 | -.000 | -.906 |
| 340 | 387 | -.221 | .096 | .009 | -.765 | 340 | 529 | -.279 | .190 | .246 | -.968 | 340 | 579 | -.218 | .100 | .018 | -.684 |
| 340 | 388 | -.239 | .101 | -.037 | -.757 | 340 | 530 | -.249 | .210 | .339 | -1.111 | 340 | 580 | -.159 | .060 | -.005 | -.431 |
| 340 | 389 | -.251 | .106 | -.025 | -.852 | 340 | 531 | -.222 | .202 | .277 | -.989 | 340 | 581 | -.163 | .061 | -.001 | -.420 |
| 340 | 390 | -.256 | .098 | -.066 | -.790 | 340 | 532 | -.195 | .145 | .256 | -.880 | 340 | 582 | -.173 | .068 | .007 | -.436 |
| 340 | 391 | -.257 | .100 | -.054 | -.682 | 340 | 533 | -.106 | .058 | .164 | -.411 | 340 | 583 | -.159 | .059 | -.007 | -.408 |
| 340 | 392 | -.268 | .107 | -.023 | -.894 | 340 | 534 | -.256 | .071 | -.069 | -.541 | 340 | 584 | -.160 | .062 | -.010 | -.456 |
| 340 | 393 | -.285 | .117 | -.018 | -.841 | 340 | 535 | -.246 | .078 | -.026 | -.592 | 340 | 585 | -.254 | .082 | -.008 | -.599 |
| 340 | 394 | -.252 | .112 | -.015 | -.932 | 340 | 536 | -.103 | .164 | .420 | -.720 | 340 | 586 | -.202 | .079 | .023 | -.540 |
| 340 | 395 | -.236 | .103 | -.033 | -.735 | 340 | 537 | -.103 | .236 | .733 | -.864 | 340 | 587 | -.081 | .046 | .083 | -.283 |
| 340 | 396 | -.212 | .078 | .091 | -.549 | 340 | 538 | .065 | .127 | .535 | -.394 | 340 | 588 | -.119 | .037 | .002 | -.302 |
| 340 | 397 | -.249 | .101 | -.008 | -.852 | 340 | 539 | .051 | .128 | .523 | -.463 | 340 | 589 | -.163 | .053 | -.024 | -.352 |
| 340 | 398 | -.244 | .090 | -.027 | -.614 | 340 | 540 | .023 | .097 | .383 | -.334 | 340 | 590 | -.185 | .067 | -.019 | -.478 |
| 340 | 399 | -.193 | .088 | .014 | -.619 | 340 | 541 | .018 | .101 | .460 | -.354 | 340 | 591 | -.153 | .086 | .090 | -.603 |
| 340 | 400 | -.130 | .068 | .072 | -.448 | 340 | 542 | .015 | .107 | .514 | -.406 | 340 | 592 | -.086 | .070 | .209 | -.364 |
| 340 | 401 | -.171 | .112 | .078 | -.609 | 340 | 543 | .009 | .065 | .304 | -.274 | 340 | 593 | -.042 | .045 | .171 | -.194 |
| 340 | 402 | -.147 | .096 | .095 | -.539 | 340 | 544 | -.002 | .074 | .353 | -.238 | 340 | 594 | -.168 | .045 | -.042 | -.389 |
| 340 | 403 | -.207 | .088 | .025 | -.635 | 340 | 545 | .035 | .052 | .323 | -.231 | 340 | 595 | -.165 | .053 | -.010 | -.380 |
| 340 | 404 | -.204 | .086 | .020 | -.488 | 340 | 546 | .065 | .056 | .350 | -.137 | 340 | 596 | -.179 | .063 | .014 | -.451 |
| 340 | 405 | -.168 | .095 | .095 | -.670 | 340 | 547 | .116 | .087 | .398 | -.251 | 340 | 597 | -.247 | .089 | -.023 | -.645 |
| 340 | 406 | -.110 | .079 | .172 | -.534 | 340 | 548 | .123 | .077 | .439 | -.173 | 340 | 598 | -.258 | .094 | .010 | -.702 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 340 | 599 | -.189 | .075 | .004 | -.487 | 340 | 726 | -.337 | .109 | -.076 | -1.207 | 340 | 917 | -.281 | .086 | -.110 | -.811 |
| 340 | 600 | -.202 | .083 | .035 | -.603 | 340 | 727 | -.370 | .109 | -.071 | -.965 | 340 | 918 | -.298 | .077 | -.122 | -.733 |
| 340 | 701 | -.170 | .119 | .246 | -.747 | 340 | 728 | -.391 | .109 | -.072 | -.859 | 340 | 919 | -.291 | .076 | -.106 | -.714 |
| 340 | 702 | -.281 | .067 | -.103 | -.632 | 340 | 729 | -.293 | .086 | -.071 | -.600 | 340 | 920 | -.337 | .209 | .418 | -1.026 |
| 340 | 703 | -.235 | .064 | -.046 | -.896 | 340 | 730 | -.358 | .117 | .018 | -1.098 | 340 | 921 | -.395 | .185 | .212 | -1.140 |
| 340 | 704 | -.338 | .104 | -.043 | -1.154 | 340 | 731 | -.368 | .114 | -.026 | -.918 | 340 | 922 | -.109 | .058 | .189 | -.400 |
| 340 | 705 | -.385 | .106 | -.137 | -1.027 | 340 | 732 | -.296 | .129 | .077 | -1.012 | 340 | 923 | -.108 | .051 | .124 | -.297 |
| 340 | 706 | -.210 | .149 | .096 | -1.087 | 340 | 733 | -.272 | .097 | -.015 | -.770 | 340 | 924 | -.026 | .060 | .269 | -.247 |
| 340 | 707 | -.476 | .276 | .352 | -1.654 | 340 | 734 | -.252 | .117 | .138 | -.923 | 340 | 925 | .021 | .080 | .318 | -.316 |
| 340 | 708 | -.588 | .266 | .414 | -1.718 | 340 | 735 | -.238 | .089 | .008 | -.623 | 340 | 926 | -.324 | .087 | -.096 | -.636 |
| 340 | 709 | -.363 | .299 | .376 | -1.531 | 340 | 736 | -.135 | .107 | .157 | -.626 | 340 | 927 | -.309 | .070 | -.113 | -.629 |
| 340 | 710 | .035 | .124 | .549 | -.357 | 340 | 901 | -.255 | .093 | -.075 | -.676 | 340 | 928 | -.274 | .064 | -.088 | -.588 |
| 340 | 711 | .085 | .079 | .399 | -.250 | 340 | 902 | -.253 | .088 | -.063 | -.638 | 340 | 929 | -.342 | .077 | -.134 | -.634 |
| 340 | 712 | -.404 | .193 | .252 | -1.175 | 340 | 903 | -.268 | .100 | -.049 | -.759 | 340 | 930 | -.390 | .095 | -.113 | -.795 |
| 340 | 713 | -.209 | .136 | .305 | -.765 | 340 | 904 | -.231 | .095 | -.007 | -.919 | 340 | 931 | -.217 | .108 | .370 | -.666 |
| 340 | 714 | .059 | .061 | .305 | -.149 | 340 | 905 | -.267 | .099 | -.032 | -.709 | 340 | 932 | -.327 | .076 | -.121 | -.616 |
| 340 | 715 | -.367 | .167 | .115 | -1.056 | 340 | 906 | -.187 | .088 | .062 | -.517 | 340 | 933 | -.214 | .097 | .334 | -.517 |
| 340 | 716 | -.135 | .079 | .125 | -.401 | 340 | 907 | -.255 | .091 | -.017 | -.667 | 340 | 934 | -.362 | .078 | -.158 | -.655 |
| 340 | 717 | -.234 | .060 | -.066 | -.461 | 340 | 908 | -.267 | .086 | -.001 | -.606 | 340 | 935 | -.386 | .090 | -.160 | -.825 |
| 340 | 718 | -.249 | .058 | -.070 | -.532 | 340 | 909 | -.335 | .111 | .037 | -.788 | 340 | 936 | -.273 | .089 | .103 | -.561 |
| 340 | 719 | -.399 | .121 | -.138 | -.891 | 340 | 910 | -.382 | .135 | .030 | -.880 | 340 | 937 | -.342 | .075 | -.148 | -.645 |
| 340 | 720 | -.207 | .074 | .011 | -.576 | 340 | 911 | -.118 | .144 | .462 | -.683 | 340 | 938 | -.387 | .088 | -.149 | -.823 |
| 340 | 721 | -.284 | .118 | -.035 | -1.396 | 340 | 912 | -.118 | .143 | .421 | -.683 | 340 | 939 | -.317 | .087 | .015 | -.666 |
| 340 | 722 | -.200 | .085 | -.013 | -.680 | 340 | 913 | -.063 | .052 | .189 | -.295 | 340 | 940 | -.338 | .081 | -.132 | -.713 |
| 340 | 723 | -.208 | .088 | -.003 | -.617 | 340 | 914 | -.080 | .055 | .117 | -.308 | 340 | 941 | -.360 | .091 | -.082 | -.793 |
| 340 | 724 | -.268 | .115 | -.015 | -.823 | 340 | 915 | -.026 | .062 | .228 | -.252 | 340 | 942 | -.311 | .095 | .108 | -.747 |
| 340 | 725 | -.287 | .100 | -.029 | -1.012 | 340 | 916 | .010 | .074 | .335 | -.247 | | | | | | |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 120 | 101 | -.302 | .042 | -.150 | -.489 | 120 | 151 | -.268 | .088 | .043 | -.776 | 120 | 223 | -.001 | .052 | .249 | -.168 |
| 120 | 102 | -.304 | .043 | -.143 | -.511 | 120 | 152 | -.267 | .097 | .030 | -.893 | 120 | 224 | -.128 | .040 | .052 | -.264 |
| 120 | 103 | -.327 | .048 | -.155 | -.526 | 120 | 153 | .023 | .061 | .256 | -.180 | 120 | 225 | .471 | .141 | .930 | .108 |
| 120 | 104 | -.329 | .057 | -.122 | -.624 | 120 | 154 | .020 | .061 | .255 | -.175 | 120 | 226 | .468 | .139 | .921 | .068 |
| 120 | 105 | -.341 | .066 | -.133 | -.675 | 120 | 155 | .032 | .060 | .244 | -.153 | 120 | 227 | .394 | .121 | .769 | .118 |
| 120 | 106 | -.340 | .070 | -.101 | -.757 | 120 | 156 | .020 | .075 | .270 | -.224 | 120 | 228 | .260 | .095 | .584 | .038 |
| 120 | 107 | -.305 | .041 | -.170 | -.444 | 120 | 157 | -.336 | .044 | -.179 | -.514 | 120 | 229 | -.020 | .059 | .247 | -.230 |
| 120 | 108 | -.307 | .041 | -.169 | -.443 | 120 | 158 | -.349 | .048 | -.202 | -.562 | 120 | 230 | -.128 | .045 | .043 | -.318 |
| 120 | 109 | -.310 | .043 | -.126 | -.526 | 120 | 159 | -.347 | .043 | -.219 | -.577 | 120 | 231 | .392 | .131 | .808 | -.138 |
| 120 | 110 | -.320 | .048 | -.137 | -.511 | 120 | 160 | -.361 | .051 | -.189 | -.575 | 120 | 232 | .393 | .122 | .861 | .069 |
| 120 | 111 | -.340 | .064 | -.099 | -.791 | 120 | 161 | -.380 | .053 | -.223 | -.631 | 120 | 233 | .329 | .126 | .744 | -.104 |
| 120 | 112 | -.355 | .069 | -.113 | -.803 | 120 | 162 | -.343 | .058 | -.148 | -.649 | 120 | 234 | .354 | .107 | .736 | .041 |
| 120 | 113 | -.309 | .039 | -.194 | -.469 | 120 | 163 | -.356 | .066 | -.144 | -.673 | 120 | 235 | .302 | .089 | .660 | .081 |
| 120 | 114 | -.308 | .039 | -.184 | -.467 | 120 | 164 | -.365 | .065 | -.168 | -.709 | 120 | 236 | .194 | .072 | .520 | .018 |
| 120 | 115 | -.305 | .036 | -.175 | -.460 | 120 | 165 | -.314 | .071 | -.068 | -.632 | 120 | 237 | -.041 | .059 | .225 | -.230 |
| 120 | 116 | -.311 | .037 | -.195 | -.452 | 120 | 166 | -.347 | .083 | -.089 | -.712 | 120 | 238 | -.043 | .056 | .206 | -.251 |
| 120 | 117 | -.341 | .045 | -.209 | -.521 | 120 | 167 | -.261 | .067 | -.082 | -.526 | 120 | 239 | .288 | .115 | .645 | -.163 |
| 120 | 118 | -.346 | .048 | -.191 | -.562 | 120 | 168 | -.287 | .083 | -.031 | -.682 | 120 | 240 | .291 | .107 | .646 | -.192 |
| 120 | 119 | -.329 | .042 | -.197 | -.474 | 120 | 169 | -.274 | .082 | -.051 | -.617 | 120 | 241 | .300 | .105 | .632 | -.014 |
| 120 | 120 | -.331 | .041 | -.204 | -.470 | 120 | 170 | -.321 | .057 | -.093 | -.530 | 120 | 242 | .324 | .107 | .711 | -.070 |
| 120 | 121 | -.325 | .040 | -.190 | -.474 | 120 | 171 | -.339 | .065 | -.103 | -.584 | 120 | 243 | .303 | .096 | .677 | .076 |
| 120 | 122 | -.332 | .040 | -.202 | -.481 | 120 | 172 | -.351 | .067 | -.089 | -.610 | 120 | 244 | .056 | .064 | .270 | -.160 |
| 120 | 123 | -.363 | .048 | -.219 | -.706 | 120 | 173 | -.251 | .062 | -.026 | -.477 | 120 | 245 | -.080 | .058 | .177 | -.326 |
| 120 | 124 | -.373 | .051 | -.245 | -.687 | 120 | 174 | -.287 | .070 | -.053 | -.625 | 120 | 246 | -.197 | .067 | .021 | -.525 |
| 120 | 125 | -.346 | .049 | -.192 | -.540 | 120 | 175 | -.229 | .071 | -.001 | -.607 | 120 | 247 | .040 | .067 | .325 | -.153 |
| 120 | 126 | -.361 | .049 | -.207 | -.560 | 120 | 176 | -.262 | .079 | .052 | -.658 | 120 | 248 | .082 | .089 | .479 | -.219 |
| 120 | 127 | -.368 | .052 | -.221 | -.563 | 120 | 177 | -.189 | .085 | .097 | -.573 | 120 | 249 | -.012 | .065 | .233 | -.338 |
| 120 | 128 | -.377 | .058 | -.234 | -.634 | 120 | 178 | -.241 | .106 | .120 | -.684 | 120 | 250 | .406 | .120 | .852 | .100 |
| 120 | 129 | -.399 | .075 | -.224 | -.792 | 120 | 201 | .401 | .122 | .733 | .001 | 120 | 251 | .438 | .136 | .875 | .047 |
| 120 | 130 | -.420 | .079 | -.234 | -.768 | 120 | 202 | .380 | .117 | .675 | -.006 | 120 | 252 | .421 | .145 | .916 | -.006 |
| 120 | 131 | -.436 | .085 | -.212 | -.825 | 120 | 203 | .203 | .092 | .498 | -.099 | 120 | 253 | .370 | .111 | .791 | .050 |
| 120 | 132 | -.444 | .095 | -.192 | -.883 | 120 | 204 | .125 | .078 | .371 | -.140 | 120 | 254 | .426 | .129 | .859 | .083 |
| 120 | 133 | -.423 | .075 | -.226 | -.829 | 120 | 205 | -.009 | .078 | .292 | -.283 | 120 | 255 | .374 | .114 | .786 | .101 |
| 120 | 134 | -.412 | .075 | -.217 | -.784 | 120 | 206 | -.110 | .050 | .090 | -.291 | 120 | 256 | .380 | .109 | .774 | .132 |
| 120 | 135 | -.422 | .080 | -.236 | -.854 | 120 | 207 | .512 | .133 | .934 | .037 | 120 | 257 | .395 | .121 | .821 | .117 |
| 120 | 136 | -.445 | .103 | -.162 | -.899 | 120 | 208 | .506 | .125 | .903 | .117 | 120 | 258 | .353 | .105 | .715 | .125 |
| 120 | 137 | -.488 | .111 | -.174 | -1.081 | 120 | 209 | .349 | .105 | .674 | -.035 | 120 | 259 | .337 | .097 | .701 | .100 |
| 120 | 138 | -.495 | .130 | -.182 | -1.355 | 120 | 210 | .236 | .087 | .535 | -.080 | 120 | 260 | .370 | .101 | .741 | .140 |
| 120 | 139 | -.421 | .097 | -.105 | -1.045 | 120 | 211 | .012 | .063 | .291 | -.170 | 120 | 261 | .383 | .112 | .816 | .122 |
| 120 | 140 | -.431 | .115 | -.104 | -1.159 | 120 | 212 | -.070 | .046 | .136 | -.244 | 120 | 262 | .371 | .115 | .827 | .110 |
| 120 | 141 | -.428 | .096 | -.202 | -.855 | 120 | 213 | .530 | .141 | .954 | .099 | 120 | 263 | .407 | .128 | .860 | .116 |
| 120 | 142 | -.429 | .097 | -.197 | -.854 | 120 | 214 | .579 | .136 | .924 | .100 | 120 | 264 | .357 | .134 | .834 | .027 |
| 120 | 143 | -.459 | .109 | -.217 | -.958 | 120 | 215 | .498 | .114 | .818 | .135 | 120 | 265 | .290 | .102 | .701 | .027 |
| 120 | 144 | -.425 | .104 | -.143 | -.873 | 120 | 216 | .341 | .089 | .636 | .045 | 120 | 266 | .299 | .110 | .671 | .053 |
| 120 | 145 | -.315 | .081 | -.065 | -.634 | 120 | 217 | .029 | .054 | .189 | -.148 | 120 | 267 | .276 | .087 | .660 | .055 |
| 120 | 146 | -.307 | .097 | -.041 | -.868 | 120 | 218 | -.094 | .044 | .058 | -.271 | 120 | 268 | .328 | .100 | .743 | .093 |
| 120 | 147 | -.440 | .116 | -.187 | -1.120 | 120 | 219 | .513 | .146 | .934 | .047 | 120 | 269 | .200 | .085 | .576 | -.182 |
| 120 | 148 | -.423 | .113 | -.187 | -1.069 | 120 | 220 | .545 | .139 | .975 | .195 | 120 | 270 | .215 | .083 | .562 | -.126 |
| 120 | 149 | -.423 | .104 | -.170 | -1.012 | 120 | 221 | .463 | .119 | .861 | .147 | 120 | 271 | .210 | .090 | .582 | -.092 |
| 120 | 150 | -.356 | .105 | -.016 | -.932 | 120 | 222 | .307 | .090 | .615 | .075 | 120 | 272 | .208 | .082 | .576 | -.003 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 120 | 273 | .108 | .072 | .432 | -.070 | 120 | 344 | .354 | .103 | .786 | .102 | 120 | 394 | -.194 | .077 | .018 | -.469 |
| 120 | 274 | .075 | .066 | .331 | -.106 | 120 | 345 | .377 | .100 | .825 | .125 | 120 | 395 | -.115 | .073 | .194 | -.346 |
| 120 | 275 | .219 | .066 | .504 | -.036 | 120 | 346 | .347 | .096 | .787 | .106 | 120 | 396 | -.213 | .058 | .033 | -.443 |
| 120 | 276 | .226 | .069 | .573 | .044 | 120 | 347 | -.185 | .041 | -.025 | -.329 | 120 | 397 | -.115 | .059 | .140 | -.387 |
| 120 | 277 | .238 | .082 | .596 | .047 | 120 | 348 | -.149 | .040 | .025 | -.320 | 120 | 398 | -.069 | .051 | .179 | -.239 |
| 120 | 278 | .230 | .083 | .569 | .035 | 120 | 349 | -.013 | .056 | .241 | -.313 | 120 | 399 | .053 | .064 | .300 | -.202 |
| 120 | 279 | .160 | .071 | .445 | -.014 | 120 | 350 | .123 | .067 | .330 | -.140 | 120 | 400 | .060 | .102 | .455 | -.369 |
| 120 | 280 | .115 | .062 | .367 | -.062 | 120 | 351 | .060 | .153 | .439 | -.479 | 120 | 401 | .125 | .118 | .538 | -.467 |
| 120 | 301 | -.230 | .037 | -.084 | -.358 | 120 | 352 | -.055 | .160 | .375 | -.702 | 120 | 402 | .113 | .117 | .482 | -.486 |
| 120 | 302 | -.159 | .038 | -.002 | -.270 | 120 | 353 | -.222 | .043 | -.058 | -.423 | 120 | 403 | -.086 | .047 | .093 | -.284 |
| 120 | 303 | -.072 | .047 | .094 | -.216 | 120 | 354 | -.156 | .043 | .006 | -.406 | 120 | 404 | -.028 | .045 | .165 | -.215 |
| 120 | 304 | -.031 | .054 | .133 | -.217 | 120 | 355 | -.234 | .046 | -.048 | -.397 | 120 | 405 | .109 | .052 | .341 | -.048 |
| 120 | 305 | -.075 | .154 | .289 | -.544 | 120 | 356 | -.171 | .046 | .016 | -.302 | 120 | 406 | .166 | .062 | .462 | -.003 |
| 120 | 306 | -.171 | .147 | .343 | -.658 | 120 | 357 | .004 | .053 | .190 | -.164 | 120 | 407 | .171 | .079 | .548 | -.147 |
| 120 | 307 | -.218 | .033 | -.104 | -.345 | 120 | 358 | .100 | .077 | .357 | -.193 | 120 | 408 | .154 | .084 | .580 | -.227 |
| 120 | 308 | -.142 | .034 | -.011 | -.256 | 120 | 359 | -.014 | .171 | .480 | -.498 | 120 | 501 | -.301 | .071 | -.117 | -.919 |
| 120 | 309 | -.015 | .051 | .173 | -.158 | 120 | 360 | -.053 | .155 | .465 | -.498 | 120 | 502 | -.303 | .067 | -.099 | -.921 |
| 120 | 310 | .055 | .059 | .267 | -.145 | 120 | 361 | -.247 | .045 | -.104 | -.411 | 120 | 503 | -.288 | .051 | -.126 | -.647 |
| 120 | 311 | .000 | .171 | .455 | -.558 | 120 | 362 | -.165 | .041 | -.026 | -.308 | 120 | 504 | -.300 | .047 | -.132 | -.479 |
| 120 | 312 | -.072 | .147 | .409 | -.682 | 120 | 363 | .016 | .056 | .211 | -.165 | 120 | 505 | -.295 | .047 | -.091 | -.464 |
| 120 | 313 | -.199 | .028 | -.108 | -.298 | 120 | 364 | .032 | .127 | .411 | -.614 | 120 | 506 | -.294 | .043 | -.147 | -.435 |
| 120 | 314 | -.139 | .028 | -.027 | -.234 | 120 | 365 | .133 | .149 | .536 | -.445 | 120 | 507 | -.304 | .058 | -.110 | -.690 |
| 120 | 315 | .051 | .049 | .224 | -.099 | 120 | 366 | .196 | .136 | .663 | -.195 | 120 | 508 | -.285 | .055 | -.115 | -.676 |
| 120 | 316 | .176 | .071 | .421 | -.072 | 120 | 367 | .140 | .142 | .725 | -.286 | 120 | 509 | -.295 | .047 | -.153 | -.617 |
| 120 | 317 | .101 | .189 | .586 | -.433 | 120 | 368 | .324 | .129 | .824 | -.006 | 120 | 510 | -.293 | .041 | -.136 | -.500 |
| 120 | 318 | .061 | .174 | .601 | -.429 | 120 | 369 | .225 | .119 | .698 | -.105 | 120 | 511 | -.281 | .042 | -.113 | -.426 |
| 120 | 319 | -.212 | .032 | -.116 | -.330 | 120 | 370 | .289 | .093 | .685 | .065 | 120 | 512 | -.289 | .044 | -.115 | -.437 |
| 120 | 320 | -.142 | .033 | -.020 | -.242 | 120 | 371 | .265 | .091 | .656 | -.009 | 120 | 513 | -.320 | .039 | -.183 | -.452 |
| 120 | 321 | .055 | .055 | .241 | -.101 | 120 | 372 | .282 | .094 | .702 | -.009 | 120 | 514 | -.299 | .041 | -.171 | -.459 |
| 120 | 322 | .190 | .081 | .436 | -.101 | 120 | 373 | .275 | .094 | .671 | .038 | 120 | 515 | -.299 | .038 | -.183 | -.472 |
| 120 | 323 | .129 | .203 | .600 | -.527 | 120 | 374 | -.236 | .057 | -.072 | -.503 | 120 | 516 | -.294 | .036 | -.187 | -.439 |
| 120 | 324 | .084 | .198 | .636 | -.534 | 120 | 375 | -.181 | .054 | .004 | -.443 | 120 | 517 | -.293 | .037 | -.180 | -.428 |
| 120 | 325 | -.233 | .030 | -.111 | -.342 | 120 | 376 | -.047 | .062 | .194 | -.422 | 120 | 518 | -.282 | .036 | -.163 | -.396 |
| 120 | 326 | -.148 | .031 | -.009 | -.248 | 120 | 377 | .046 | .086 | .380 | -.542 | 120 | 519 | -.323 | .042 | -.135 | -.503 |
| 120 | 327 | -.224 | .032 | -.116 | -.332 | 120 | 378 | -.012 | .158 | .531 | -.637 | 120 | 520 | -.320 | .040 | -.135 | -.486 |
| 120 | 328 | -.142 | .036 | -.005 | -.254 | 120 | 379 | -.194 | .229 | .366 | -1.187 | 120 | 521 | -.297 | .036 | -.185 | -.420 |
| 120 | 329 | -.217 | .030 | -.091 | -.320 | 120 | 380 | -.263 | .053 | -.085 | -.438 | 120 | 522 | -.308 | .037 | -.192 | -.423 |
| 120 | 330 | -.137 | .032 | .013 | -.241 | 120 | 381 | -.182 | .047 | -.014 | -.370 | 120 | 523 | -.293 | .037 | -.173 | -.419 |
| 120 | 331 | .075 | .059 | .295 | -.133 | 120 | 382 | -.285 | .057 | -.112 | -.491 | 120 | 524 | -.304 | .037 | -.180 | -.430 |
| 120 | 332 | .013 | .138 | .496 | -.461 | 120 | 383 | -.211 | .052 | -.017 | -.404 | 120 | 525 | -.310 | .040 | -.158 | -.525 |
| 120 | 333 | .337 | .139 | .770 | -.295 | 120 | 384 | -.049 | .052 | .202 | -.185 | 120 | 526 | -.321 | .041 | -.156 | -.517 |
| 120 | 334 | .295 | .169 | .772 | -.451 | 120 | 385 | .043 | .073 | .333 | -.283 | 120 | 527 | -.323 | .045 | -.161 | -.579 |
| 120 | 336 | .376 | .127 | .798 | -.135 | 120 | 386 | -.115 | .161 | .382 | -.644 | 120 | 528 | -.333 | .045 | -.171 | -.608 |
| 120 | 337 | .350 | .130 | .758 | -.258 | 120 | 387 | -.116 | .133 | .365 | -.534 | 120 | 529 | -.335 | .049 | -.190 | -.566 |
| 120 | 338 | .386 | .117 | .799 | .062 | 120 | 388 | -.288 | .064 | -.109 | -.512 | 120 | 530 | -.333 | .046 | -.168 | -.527 |
| 120 | 339 | .414 | .123 | .857 | .103 | 120 | 389 | -.205 | .050 | -.046 | -.397 | 120 | 531 | -.340 | .042 | -.173 | -.504 |
| 120 | 340 | .384 | .116 | .863 | .090 | 120 | 390 | -.168 | .050 | -.018 | -.394 | 120 | 532 | -.325 | .045 | -.209 | -.495 |
| 120 | 341 | .380 | .114 | .847 | .117 | 120 | 391 | .065 | .079 | .329 | -.392 | 120 | 533 | -.329 | .046 | -.200 | -.538 |
| 120 | 342 | .368 | .113 | .843 | .108 | 120 | 392 | -.036 | .154 | .435 | -.588 | 120 | 534 | -.343 | .054 | -.210 | -.724 |
| 120 | 343 | .381 | .101 | .815 | .135 | 120 | 393 | -.071 | .157 | .424 | -.654 | 120 | 535 | -.319 | .046 | -.190 | -.611 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 120 | 536 | -.356 | .049 | -.200 | -.622 | 120 | 586 | -.303 | .072 | -.017 | -.704 | 120 | 736 | .160 | .087 | .509 | -.262 |
| 120 | 537 | -.330 | .045 | -.181 | -.517 | 120 | 587 | -.392 | .075 | -.180 | -.754 | 120 | 901 | .067 | .069 | .350 | -.149 |
| 120 | 538 | -.373 | .061 | -.195 | -.668 | 120 | 588 | -.402 | .083 | -.175 | -.755 | 120 | 902 | .086 | .059 | .327 | -.099 |
| 120 | 539 | -.326 | .055 | -.166 | -.549 | 120 | 589 | -.413 | .089 | -.195 | -.748 | 120 | 903 | .096 | .096 | .400 | -.231 |
| 120 | 540 | -.360 | .077 | -.139 | -.738 | 120 | 590 | -.398 | .086 | -.183 | -.719 | 120 | 904 | .244 | .068 | .494 | .065 |
| 120 | 541 | -.321 | .070 | -.092 | -.740 | 120 | 591 | -.255 | .114 | .175 | -.677 | 120 | 905 | .277 | .081 | .544 | .053 |
| 120 | 542 | -.340 | .069 | -.137 | -.752 | 120 | 592 | -.234 | .113 | .196 | -.616 | 120 | 906 | .238 | .068 | .483 | .016 |
| 120 | 543 | -.302 | .078 | -.070 | -.678 | 120 | 593 | -.345 | .092 | .125 | -.634 | 120 | 907 | .295 | .078 | .657 | .066 |
| 120 | 544 | -.301 | .077 | -.059 | -.704 | 120 | 594 | -.420 | .097 | -.145 | -1.002 | 120 | 908 | .322 | .097 | .673 | .096 |
| 120 | 545 | -.248 | .082 | -.012 | -.589 | 120 | 595 | -.451 | .108 | -.168 | -1.025 | 120 | 909 | .299 | .093 | .643 | .074 |
| 120 | 546 | -.268 | .081 | -.046 | -.627 | 120 | 596 | -.439 | .113 | -.169 | -1.372 | 120 | 910 | .282 | .094 | .676 | .050 |
| 120 | 547 | -.212 | .080 | .036 | -.556 | 120 | 597 | -.254 | .065 | -.036 | -.492 | 120 | 911 | -.409 | .078 | -.191 | -.753 |
| 120 | 548 | -.231 | .084 | .040 | -.559 | 120 | 598 | -.242 | .063 | -.060 | -.478 | 120 | 912 | -.383 | .077 | -.174 | -.722 |
| 120 | 549 | -.329 | .048 | -.176 | -.551 | 120 | 599 | -.173 | .054 | -.001 | -.374 | 120 | 913 | -.375 | .063 | -.174 | -.656 |
| 120 | 550 | -.338 | .048 | -.183 | -.533 | 120 | 600 | -.197 | .060 | .002 | -.408 | 120 | 914 | -.017 | .072 | .318 | -.274 |
| 120 | 551 | -.324 | .042 | -.194 | -.475 | 120 | 701 | .011 | .067 | .284 | -.181 | 120 | 915 | -.073 | .054 | .127 | -.291 |
| 120 | 552 | -.369 | .072 | -.176 | -.745 | 120 | 702 | -.295 | .042 | -.151 | -.437 | 120 | 916 | -.112 | .045 | .049 | -.269 |
| 120 | 553 | -.345 | .063 | -.106 | -.637 | 120 | 703 | -.309 | .040 | -.187 | -.477 | 120 | 917 | .021 | .053 | .248 | -.181 |
| 120 | 554 | -.347 | .059 | -.130 | -.564 | 120 | 704 | -.346 | .048 | -.185 | -.541 | 120 | 918 | -.079 | .143 | .436 | -.642 |
| 120 | 555 | -.347 | .064 | -.166 | -.609 | 120 | 705 | -.419 | .075 | -.217 | -.805 | 120 | 919 | -.058 | .156 | .568 | -.690 |
| 120 | 556 | -.351 | .061 | -.171 | -.607 | 120 | 706 | -.540 | .156 | -.187 | -1.298 | 120 | 920 | -.314 | .043 | -.198 | -.476 |
| 120 | 557 | -.342 | .056 | -.116 | -.591 | 120 | 707 | -.328 | .077 | -.121 | -.934 | 120 | 921 | -.341 | .048 | -.203 | -.600 |
| 120 | 558 | -.354 | .055 | -.161 | -.557 | 120 | 708 | -.335 | .051 | -.165 | -.584 | 120 | 922 | -.334 | .049 | -.190 | -.667 |
| 120 | 559 | -.364 | .062 | -.185 | -.609 | 120 | 709 | -.412 | .079 | -.177 | -.795 | 120 | 923 | .033 | .071 | .402 | -.201 |
| 120 | 560 | -.384 | .065 | -.156 | -.631 | 120 | 710 | -.494 | .136 | -.185 | -1.400 | 120 | 924 | -.035 | .055 | .236 | -.210 |
| 120 | 561 | -.364 | .062 | -.178 | -.642 | 120 | 711 | -.290 | .099 | -.031 | -.872 | 120 | 925 | -.100 | .041 | .021 | -.249 |
| 120 | 562 | -.375 | .063 | -.197 | -.598 | 120 | 712 | -.346 | .047 | -.168 | -.574 | 120 | 926 | .033 | .064 | .202 | -.242 |
| 120 | 563 | -.318 | .059 | -.113 | -.563 | 120 | 713 | -.366 | .072 | -.121 | -.756 | 120 | 927 | -.058 | .123 | .380 | -.473 |
| 120 | 564 | -.340 | .063 | -.125 | -.583 | 120 | 714 | -.260 | .118 | .086 | -.877 | 120 | 928 | -.025 | .124 | .564 | -.492 |
| 120 | 565 | -.374 | .069 | -.151 | -.710 | 120 | 715 | -.351 | .078 | -.089 | -.667 | 120 | 929 | -.212 | .068 | -.010 | -.429 |
| 120 | 566 | -.408 | .076 | -.236 | -.745 | 120 | 716 | -.285 | .115 | .108 | -.798 | 120 | 930 | -.374 | .069 | -.151 | -.708 |
| 120 | 567 | -.411 | .068 | -.226 | -.675 | 120 | 717 | -.283 | .044 | -.104 | -.487 | 120 | 931 | -.347 | .057 | -.157 | -.554 |
| 120 | 568 | -.371 | .061 | -.218 | -.688 | 120 | 718 | -.306 | .037 | -.174 | -.435 | 120 | 932 | -.146 | .096 | .156 | -.416 |
| 120 | 569 | -.381 | .061 | -.226 | -.678 | 120 | 719 | -.348 | .054 | -.209 | -.781 | 120 | 933 | -.343 | .051 | -.162 | -.507 |
| 120 | 570 | -.312 | .060 | -.104 | -.551 | 120 | 720 | -.340 | .055 | -.175 | -.529 | 120 | 934 | -.435 | .102 | -.006 | -.895 |
| 120 | 571 | -.339 | .057 | -.142 | -.581 | 120 | 721 | -.382 | .067 | -.195 | -.681 | 120 | 935 | -.345 | .077 | -.121 | -.610 |
| 120 | 572 | -.266 | .064 | -.041 | -.563 | 120 | 722 | -.394 | .078 | -.120 | -.685 | 120 | 936 | -.417 | .074 | -.141 | -.689 |
| 120 | 573 | -.274 | .066 | .031 | -.510 | 120 | 723 | -.393 | .087 | -.154 | -.784 | 120 | 937 | -.394 | .065 | -.143 | -.663 |
| 120 | 574 | -.250 | .075 | .009 | -.539 | 120 | 724 | -.493 | .130 | -.176 | -1.186 | 120 | 938 | -.492 | .088 | -.158 | -.910 |
| 120 | 575 | -.259 | .076 | .033 | -.560 | 120 | 725 | .315 | .164 | .748 | -.520 | 120 | 939 | -.499 | .102 | -.140 | -.860 |
| 120 | 576 | -.178 | .080 | .108 | -.525 | 120 | 726 | .324 | .184 | .777 | -.350 | 120 | 940 | -.388 | .066 | -.198 | -.694 |
| 120 | 577 | -.379 | .075 | -.120 | -.716 | 120 | 727 | .310 | .191 | .810 | -.369 | 120 | 941 | -.460 | .081 | -.215 | -.789 |
| 120 | 578 | -.373 | .070 | -.157 | -.709 | 120 | 728 | .364 | .116 | .766 | -.063 | 120 | 942 | -.516 | .125 | -.210 | -1.077 |
| 120 | 579 | -.406 | .072 | -.207 | -.773 | 120 | 729 | .300 | .106 | .657 | .037 | 140 | 101 | -.253 | .036 | -.127 | -.401 |
| 120 | 580 | -.406 | .080 | -.190 | -.724 | 120 | 730 | .167 | .155 | .647 | -.387 | 140 | 102 | -.257 | .036 | -.139 | -.401 |
| 120 | 581 | -.383 | .069 | -.185 | -.670 | 120 | 731 | .136 | .190 | .740 | -.414 | 140 | 103 | -.273 | .037 | -.148 | -.412 |
| 120 | 582 | -.367 | .067 | -.169 | -.642 | 120 | 732 | .270 | .104 | .678 | .011 | 140 | 104 | -.256 | .043 | -.114 | -.543 |
| 120 | 583 | -.390 | .070 | -.192 | -.663 | 120 | 733 | .028 | .166 | .528 | -.644 | 140 | 105 | -.280 | .063 | -.072 | -.915 |
| 120 | 584 | -.375 | .076 | -.154 | -.662 | 120 | 734 | -.027 | .149 | .375 | -.532 | 140 | 106 | -.273 | .065 | -.082 | -.812 |
| 120 | 585 | -.309 | .083 | -.057 | -.872 | 120 | 735 | -.224 | .064 | .021 | -.481 | 140 | 107 | -.269 | .036 | -.151 | -.379 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 108 | -.270 | .036 | -.153 | -.392 | 140 | 158 | -.326 | .041 | -.191 | -.512 | 140 | 230 | -.188 | .034 | -.053 | -.297 |
| 140 | 109 | -.257 | .036 | -.117 | -.381 | 140 | 159 | -.327 | .043 | -.189 | -.503 | 140 | 231 | .024 | .164 | .602 | -.466 |
| 140 | 110 | -.276 | .038 | -.138 | -.422 | 140 | 160 | -.327 | .050 | -.158 | -.518 | 140 | 232 | -.001 | .196 | .543 | -.634 |
| 140 | 111 | -.263 | .051 | -.116 | -.644 | 140 | 161 | -.359 | .052 | -.190 | -.588 | 140 | 233 | -.017 | .154 | .497 | -.600 |
| 140 | 112 | -.272 | .057 | -.111 | -.716 | 140 | 162 | -.297 | .051 | -.122 | -.475 | 140 | 234 | -.019 | .151 | .431 | -.509 |
| 140 | 113 | -.276 | .033 | -.173 | -.382 | 140 | 163 | -.311 | .060 | -.116 | -.531 | 140 | 235 | .116 | .061 | .349 | -.126 |
| 140 | 114 | -.279 | .033 | -.168 | -.379 | 140 | 164 | -.322 | .052 | -.147 | -.534 | 140 | 236 | .034 | .044 | .204 | -.094 |
| 140 | 115 | -.273 | .035 | -.159 | -.389 | 140 | 165 | -.252 | .054 | .013 | -.446 | 140 | 237 | -.131 | .039 | .006 | -.281 |
| 140 | 116 | -.277 | .035 | -.167 | -.386 | 140 | 166 | -.287 | .052 | -.070 | -.507 | 140 | 238 | -.106 | .040 | .048 | -.252 |
| 140 | 117 | -.292 | .037 | -.180 | -.432 | 140 | 167 | -.224 | .062 | -.003 | -.416 | 140 | 239 | -.010 | .133 | .439 | -.731 |
| 140 | 118 | -.283 | .033 | -.154 | -.419 | 140 | 168 | -.246 | .069 | -.031 | -.529 | 140 | 240 | .004 | .138 | .401 | -.654 |
| 140 | 119 | -.292 | .034 | -.171 | -.404 | 140 | 169 | -.232 | .076 | .006 | -.514 | 140 | 241 | .062 | .119 | .396 | -.456 |
| 140 | 120 | -.292 | .033 | -.178 | -.392 | 140 | 170 | -.331 | .062 | -.133 | -.583 | 140 | 242 | .068 | .123 | .404 | -.382 |
| 140 | 121 | -.281 | .033 | -.179 | -.409 | 140 | 171 | -.351 | .067 | -.151 | -.657 | 140 | 243 | .134 | .070 | .389 | -.159 |
| 140 | 122 | -.282 | .032 | -.179 | -.433 | 140 | 172 | -.367 | .068 | -.099 | -.666 | 140 | 244 | -.098 | .047 | .075 | -.273 |
| 140 | 123 | -.303 | .034 | -.198 | -.454 | 140 | 173 | -.269 | .070 | -.024 | -.535 | 140 | 245 | -.160 | .046 | -.019 | -.402 |
| 140 | 124 | -.306 | .036 | -.202 | -.460 | 140 | 174 | -.311 | .071 | -.058 | -.541 | 140 | 246 | -.235 | .059 | -.026 | -.439 |
| 140 | 125 | -.285 | .038 | -.171 | -.435 | 140 | 175 | -.217 | .068 | .011 | -.461 | 140 | 247 | -.098 | .054 | .141 | -.297 |
| 140 | 126 | -.301 | .038 | -.185 | -.451 | 140 | 176 | -.247 | .074 | .045 | -.476 | 140 | 248 | -.051 | .079 | .292 | -.254 |
| 140 | 127 | -.315 | .038 | -.202 | -.456 | 140 | 177 | -.154 | .082 | .110 | -.492 | 140 | 249 | -.082 | .070 | .168 | -.318 |
| 140 | 128 | -.319 | .043 | -.191 | -.522 | 140 | 178 | -.211 | .102 | .136 | -.573 | 140 | 250 | .457 | .136 | .864 | .021 |
| 140 | 129 | -.338 | .050 | -.186 | -.571 | 140 | 201 | -.000 | .194 | .483 | -.600 | 140 | 251 | .443 | .130 | .905 | .067 |
| 140 | 130 | -.359 | .056 | -.195 | -.598 | 140 | 202 | .127 | .095 | .415 | -.504 | 140 | 252 | .457 | .132 | .956 | .090 |
| 140 | 131 | -.386 | .064 | -.216 | -.690 | 140 | 203 | .020 | .057 | .258 | -.198 | 140 | 253 | .411 | .128 | .868 | .104 |
| 140 | 132 | -.408 | .076 | -.199 | -.785 | 140 | 204 | -.020 | .049 | .152 | -.181 | 140 | 254 | .444 | .123 | .822 | .113 |
| 140 | 133 | -.342 | .056 | -.178 | -.630 | 140 | 205 | -.162 | .041 | -.013 | -.319 | 140 | 255 | .365 | .115 | .857 | .022 |
| 140 | 134 | -.328 | .059 | -.164 | -.587 | 140 | 206 | -.158 | .034 | -.044 | -.295 | 140 | 256 | .346 | .109 | .794 | .047 |
| 140 | 135 | -.350 | .067 | -.191 | -.699 | 140 | 207 | .167 | .164 | .686 | -.372 | 140 | 257 | .382 | .116 | .896 | .083 |
| 140 | 136 | -.400 | .078 | -.208 | -.698 | 140 | 208 | .229 | .145 | .605 | -.388 | 140 | 258 | .299 | .102 | .762 | .055 |
| 140 | 137 | -.433 | .089 | -.198 | -.981 | 140 | 209 | .133 | .067 | .386 | -.087 | 140 | 259 | .301 | .099 | .644 | .083 |
| 140 | 138 | -.459 | .106 | -.161 | -1.024 | 140 | 210 | .063 | .057 | .247 | -.145 | 140 | 260 | .335 | .095 | .713 | .105 |
| 140 | 139 | -.413 | .084 | -.156 | -.770 | 140 | 211 | -.120 | .038 | .052 | -.265 | 140 | 261 | .347 | .108 | .716 | .095 |
| 140 | 140 | -.455 | .114 | -.163 | -1.008 | 140 | 212 | -.149 | .032 | .000 | -.271 | 140 | 262 | .370 | .109 | .726 | .107 |
| 140 | 141 | -.374 | .084 | -.154 | -.792 | 140 | 213 | .253 | .178 | .814 | -.316 | 140 | 263 | .387 | .111 | .730 | .079 |
| 140 | 142 | -.379 | .085 | -.179 | -.797 | 140 | 214 | .274 | .173 | .747 | -.325 | 140 | 264 | .394 | .112 | .774 | -.052 |
| 140 | 143 | -.414 | .095 | -.208 | -.966 | 140 | 215 | .259 | .079 | .570 | .010 | 140 | 265 | .301 | .096 | .678 | .100 |
| 140 | 144 | -.411 | .098 | -.193 | -.947 | 140 | 216 | .119 | .058 | .364 | -.057 | 140 | 266 | .329 | .096 | .699 | .127 |
| 140 | 145 | -.345 | .106 | -.033 | -.905 | 140 | 217 | -.128 | .035 | .011 | -.232 | 140 | 267 | .312 | .093 | .713 | .069 |
| 140 | 146 | -.367 | .145 | .028 | -1.305 | 140 | 218 | -.186 | .029 | -.088 | -.287 | 140 | 268 | .368 | .110 | .907 | .127 |
| 140 | 147 | -.391 | .092 | -.164 | -.799 | 140 | 219 | .181 | .186 | .716 | -.387 | 140 | 269 | .096 | .108 | .449 | -.337 |
| 140 | 148 | -.383 | .090 | -.179 | -.783 | 140 | 220 | .200 | .200 | .756 | -.562 | 140 | 270 | .111 | .101 | .430 | -.313 |
| 140 | 149 | -.393 | .090 | -.183 | -.794 | 140 | 221 | .226 | .076 | .487 | .004 | 140 | 271 | .055 | .087 | .392 | -.325 |
| 140 | 150 | -.379 | .104 | -.107 | -1.193 | 140 | 222 | .097 | .055 | .342 | -.073 | 140 | 272 | .075 | .055 | .287 | -.128 |
| 140 | 151 | -.282 | .108 | .029 | -.779 | 140 | 223 | -.140 | .037 | .020 | -.248 | 140 | 273 | -.021 | .042 | .162 | -.157 |
| 140 | 152 | -.292 | .137 | .021 | -1.160 | 140 | 224 | -.206 | .033 | -.084 | -.305 | 140 | 274 | -.057 | .042 | .107 | -.203 |
| 140 | 153 | -.121 | .056 | .047 | -.397 | 140 | 225 | .038 | .203 | .664 | -.613 | 140 | 275 | .145 | .092 | .504 | -.317 |
| 140 | 154 | -.130 | .059 | .050 | -.432 | 140 | 226 | .118 | .180 | .556 | -.449 | 140 | 276 | .165 | .079 | .436 | -.137 |
| 140 | 155 | -.115 | .050 | .077 | -.274 | 140 | 227 | .179 | .068 | .429 | -.059 | 140 | 277 | .138 | .064 | .437 | -.022 |
| 140 | 156 | -.158 | .059 | .071 | -.345 | 140 | 228 | .070 | .049 | .272 | -.064 | 140 | 278 | .100 | .058 | .331 | -.057 |
| 140 | 157 | -.319 | .045 | -.146 | -.542 | 140 | 229 | -.134 | .036 | .013 | -.249 | 140 | 279 | .007 | .047 | .195 | -.113 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 280 | -.022 | .045 | .130 | -.174 | 140 | 351 | .404 | .129 | .773 | -.017 | 140 | 401 | .209 | .088 | .623 | -.188 |
| 140 | 301 | -.125 | .037 | .004 | -.265 | 140 | 352 | .407 | .143 | .806 | -.121 | 140 | 402 | .199 | .088 | .568 | -.086 |
| 140 | 302 | -.026 | .048 | .157 | -.208 | 140 | 353 | -.157 | .051 | .019 | -.486 | 140 | 403 | -.006 | .067 | .318 | -.206 |
| 140 | 303 | .104 | .064 | .339 | -.128 | 140 | 354 | -.048 | .061 | .199 | -.436 | 140 | 404 | .048 | .064 | .362 | -.143 |
| 140 | 304 | .175 | .087 | .404 | -.079 | 140 | 355 | -.163 | .049 | .018 | -.403 | 140 | 405 | .164 | .061 | .385 | .001 |
| 140 | 305 | .337 | .120 | .683 | -.007 | 140 | 356 | -.070 | .056 | .152 | -.296 | 140 | 406 | .201 | .066 | .461 | .050 |
| 140 | 306 | .403 | .129 | .748 | .028 | 140 | 357 | .172 | .079 | .459 | -.031 | 140 | 407 | .212 | .070 | .538 | .055 |
| 140 | 307 | -.102 | .035 | .033 | -.245 | 140 | 358 | .310 | .103 | .670 | .067 | 140 | 408 | .192 | .071 | .501 | .025 |
| 140 | 308 | .028 | .050 | .234 | -.165 | 140 | 359 | .386 | .126 | .819 | -.009 | 140 | 501 | -.281 | .065 | -.063 | -.678 |
| 140 | 309 | .229 | .076 | .506 | -.009 | 140 | 360 | .379 | .143 | .829 | -.025 | 140 | 502 | -.277 | .056 | -.106 | -.634 |
| 140 | 310 | .305 | .100 | .601 | -.050 | 140 | 361 | -.193 | .048 | -.029 | -.364 | 140 | 503 | -.281 | .047 | -.104 | -.542 |
| 140 | 311 | .478 | .124 | .818 | .085 | 140 | 362 | -.074 | .054 | .140 | -.267 | 140 | 504 | -.289 | .040 | -.141 | -.446 |
| 140 | 312 | .522 | .127 | .881 | .091 | 140 | 363 | .171 | .085 | .570 | -.028 | 140 | 505 | -.287 | .042 | -.109 | -.456 |
| 140 | 313 | -.085 | .033 | .032 | -.199 | 140 | 364 | .301 | .127 | .856 | -.194 | 140 | 506 | -.282 | .039 | -.156 | -.438 |
| 140 | 314 | .034 | .052 | .232 | -.160 | 140 | 365 | .377 | .120 | .745 | .057 | 140 | 507 | -.262 | .056 | -.071 | -.644 |
| 140 | 315 | .306 | .090 | .597 | .020 | 140 | 366 | .379 | .111 | .708 | .098 | 140 | 508 | -.269 | .053 | -.034 | -.734 |
| 140 | 316 | .475 | .117 | .839 | .108 | 140 | 367 | .369 | .117 | .719 | .035 | 140 | 509 | -.285 | .043 | -.097 | -.441 |
| 140 | 317 | .584 | .129 | 1.012 | .198 | 140 | 368 | .390 | .115 | .755 | .033 | 140 | 510 | -.279 | .038 | -.128 | -.440 |
| 140 | 318 | .570 | .136 | 1.023 | .137 | 140 | 369 | .361 | .112 | .703 | .089 | 140 | 511 | -.280 | .037 | -.155 | -.422 |
| 140 | 319 | -.114 | .037 | .029 | -.233 | 140 | 370 | .331 | .102 | .706 | .115 | 140 | 512 | -.274 | .038 | -.169 | -.431 |
| 140 | 320 | .006 | .053 | .197 | -.160 | 140 | 371 | .314 | .103 | .716 | .096 | 140 | 513 | -.294 | .036 | -.182 | -.427 |
| 140 | 321 | .277 | .088 | .582 | .038 | 140 | 372 | .351 | .106 | .768 | .103 | 140 | 514 | -.277 | .033 | -.175 | -.415 |
| 140 | 322 | .441 | .114 | .769 | .142 | 140 | 373 | .328 | .098 | .696 | .091 | 140 | 515 | -.278 | .031 | -.175 | -.402 |
| 140 | 323 | .528 | .136 | .934 | .206 | 140 | 374 | -.192 | .055 | .028 | -.453 | 140 | 516 | -.272 | .032 | -.152 | -.371 |
| 140 | 324 | .503 | .141 | .898 | .055 | 140 | 375 | -.110 | .061 | .126 | -.333 | 140 | 517 | -.273 | .032 | -.148 | -.376 |
| 140 | 325 | -.136 | .037 | .000 | -.275 | 140 | 376 | .062 | .082 | .361 | -.252 | 140 | 518 | -.270 | .033 | -.164 | -.393 |
| 140 | 326 | .015 | .055 | .210 | -.145 | 140 | 377 | .186 | .105 | .631 | -.260 | 140 | 519 | -.297 | .039 | -.179 | -.443 |
| 140 | 327 | -.125 | .039 | .015 | -.253 | 140 | 378 | .268 | .118 | .646 | -.252 | 140 | 520 | -.305 | .037 | -.182 | -.466 |
| 140 | 328 | .002 | .059 | .247 | -.165 | 140 | 379 | .257 | .143 | .735 | -.348 | 140 | 521 | -.295 | .040 | -.187 | -.566 |
| 140 | 329 | -.136 | .037 | .033 | -.265 | 140 | 380 | -.230 | .056 | -.028 | -.487 | 140 | 522 | -.306 | .038 | -.193 | -.482 |
| 140 | 330 | .003 | .054 | .198 | -.215 | 140 | 381 | -.124 | .060 | .123 | -.391 | 140 | 523 | -.290 | .038 | -.157 | -.434 |
| 140 | 331 | .281 | .090 | .591 | .034 | 140 | 382 | -.265 | .055 | -.057 | -.434 | 140 | 524 | -.297 | .039 | -.164 | -.438 |
| 140 | 332 | .430 | .134 | .813 | -.015 | 140 | 383 | -.152 | .054 | .072 | -.312 | 140 | 525 | -.294 | .037 | -.158 | -.427 |
| 140 | 333 | .483 | .131 | .870 | .169 | 140 | 384 | .050 | .064 | .375 | -.092 | 140 | 526 | -.305 | .038 | -.183 | -.446 |
| 140 | 334 | .466 | .128 | .871 | .142 | 140 | 385 | .170 | .074 | .534 | -.006 | 140 | 527 | -.305 | .040 | -.176 | -.492 |
| 140 | 336 | .458 | .134 | .875 | .110 | 140 | 386 | .195 | .110 | .573 | -.211 | 140 | 528 | -.312 | .040 | -.188 | -.479 |
| 140 | 337 | .423 | .127 | .818 | .065 | 140 | 387 | .178 | .131 | .610 | -.245 | 140 | 529 | -.321 | .043 | -.187 | -.520 |
| 140 | 338 | .419 | .126 | .888 | .123 | 140 | 388 | -.265 | .059 | -.062 | -.546 | 140 | 530 | -.329 | .043 | -.193 | -.477 |
| 140 | 339 | .357 | .112 | .750 | .093 | 140 | 389 | -.161 | .051 | .071 | -.345 | 140 | 531 | -.304 | .043 | -.172 | -.533 |
| 140 | 340 | .344 | .113 | .736 | .075 | 140 | 390 | -.069 | .064 | .127 | -.308 | 140 | 532 | -.330 | .044 | -.208 | -.496 |
| 140 | 341 | .340 | .109 | .766 | .105 | 140 | 391 | .188 | .078 | .488 | -.012 | 140 | 533 | -.324 | .042 | -.195 | -.491 |
| 140 | 342 | .294 | .102 | .696 | .045 | 140 | 392 | .212 | .106 | .572 | -.119 | 140 | 534 | -.330 | .043 | -.206 | -.524 |
| 140 | 343 | .324 | .096 | .742 | .076 | 140 | 393 | .193 | .106 | .556 | -.167 | 140 | 535 | -.306 | .041 | -.187 | -.566 |
| 140 | 344 | .269 | .095 | .656 | .042 | 140 | 394 | -.136 | .062 | .072 | -.407 | 140 | 536 | -.334 | .046 | -.130 | -.572 |
| 140 | 345 | .315 | .095 | .743 | .070 | 140 | 395 | -.015 | .071 | .270 | -.233 | 140 | 537 | -.316 | .044 | -.176 | -.513 |
| 140 | 346 | .253 | .085 | .638 | .055 | 140 | 396 | -.101 | .074 | .191 | -.321 | 140 | 538 | -.333 | .054 | -.159 | -.590 |
| 140 | 347 | -.102 | .055 | .079 | -.304 | 140 | 397 | -.035 | .077 | .270 | -.294 | 140 | 539 | -.306 | .049 | -.163 | -.501 |
| 140 | 348 | -.050 | .062 | .194 | -.325 | 140 | 398 | .014 | .072 | .294 | -.216 | 140 | 540 | -.309 | .062 | -.098 | -.601 |
| 140 | 349 | .169 | .089 | .461 | -.223 | 140 | 399 | .133 | .069 | .486 | -.115 | 140 | 541 | -.285 | .059 | -.094 | -.504 |
| 140 | 350 | .318 | .110 | .640 | -.103 | 140 | 400 | .169 | .084 | .528 | -.187 | 140 | 542 | -.294 | .059 | -.099 | -.515 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 543 | -.237 | .069 | -.034 | -.516 | 140 | 593 | -.337 | .081 | .014 | -.660 | 140 | 907 | .255 | .078 | .558 | .060 |
| 140 | 544 | -.230 | .066 | -.008 | -.540 | 140 | 594 | -.426 | .083 | -.193 | -.834 | 140 | 908 | .164 | .085 | .492 | -.094 |
| 140 | 545 | -.211 | .078 | .028 | -.533 | 140 | 595 | -.460 | .098 | -.243 | -1.165 | 140 | 909 | .141 | .070 | .393 | -.063 |
| 140 | 546 | -.194 | .066 | .012 | -.453 | 140 | 596 | -.453 | .094 | -.161 | -1.013 | 140 | 910 | .129 | .070 | .375 | -.062 |
| 140 | 547 | -.191 | .082 | .062 | -.470 | 140 | 597 | -.136 | .083 | .184 | -.422 | 140 | 911 | -.409 | .067 | -.222 | -.693 |
| 140 | 548 | -.186 | .079 | .065 | -.485 | 140 | 598 | -.131 | .076 | .168 | -.388 | 140 | 912 | -.382 | .066 | -.204 | -.669 |
| 140 | 549 | -.347 | .049 | -.203 | -.559 | 140 | 599 | -.060 | .067 | .186 | -.284 | 140 | 913 | -.384 | .067 | -.216 | -.672 |
| 140 | 550 | -.348 | .047 | -.207 | -.542 | 140 | 600 | -.083 | .071 | .144 | -.322 | 140 | 914 | -.002 | .083 | .426 | -.285 |
| 140 | 551 | -.337 | .047 | -.223 | -.580 | 140 | 701 | -.135 | .053 | .071 | -.357 | 140 | 915 | -.028 | .064 | .287 | -.290 |
| 140 | 552 | -.482 | .113 | -.200 | -.878 | 140 | 702 | -.254 | .037 | -.142 | -.374 | 140 | 916 | -.053 | .056 | .216 | -.260 |
| 140 | 553 | -.393 | .088 | -.179 | -.756 | 140 | 703 | -.274 | .031 | -.166 | -.394 | 140 | 917 | .167 | .077 | .513 | -.036 |
| 140 | 554 | -.380 | .080 | -.176 | -.725 | 140 | 704 | -.284 | .039 | -.149 | -.436 | 140 | 918 | .284 | .135 | .802 | -.133 |
| 140 | 555 | -.390 | .083 | -.178 | -.746 | 140 | 705 | -.337 | .055 | -.161 | -.625 | 140 | 919 | .319 | .149 | .943 | -.111 |
| 140 | 556 | -.388 | .078 | -.193 | -.728 | 140 | 706 | -.486 | .114 | -.178 | -1.067 | 140 | 920 | -.300 | .041 | -.161 | -.459 |
| 140 | 557 | -.372 | .062 | -.198 | -.643 | 140 | 707 | -.273 | .065 | -.088 | -.728 | 140 | 921 | -.327 | .042 | -.196 | -.484 |
| 140 | 558 | -.375 | .055 | -.186 | -.573 | 140 | 708 | -.290 | .036 | -.174 | -.445 | 140 | 922 | -.325 | .044 | -.190 | -.517 |
| 140 | 559 | -.391 | .059 | -.235 | -.683 | 140 | 709 | -.349 | .051 | -.198 | -.588 | 140 | 923 | .058 | .080 | .423 | -.171 |
| 140 | 560 | -.402 | .059 | -.239 | -.609 | 140 | 710 | -.418 | .099 | -.127 | -.859 | 140 | 924 | .024 | .069 | .313 | -.164 |
| 140 | 561 | -.376 | .055 | -.208 | -.595 | 140 | 711 | -.304 | .148 | .011 | -1.043 | 140 | 925 | -.017 | .060 | .249 | -.221 |
| 140 | 562 | -.378 | .056 | -.224 | -.595 | 140 | 712 | -.341 | .052 | -.189 | -.625 | 140 | 926 | .228 | .087 | .578 | -.038 |
| 140 | 563 | -.353 | .066 | -.161 | -.635 | 140 | 713 | -.360 | .064 | -.114 | -.669 | 140 | 927 | .384 | .139 | .807 | -.154 |
| 140 | 564 | -.369 | .064 | -.169 | -.655 | 140 | 714 | -.187 | .086 | .059 | -.632 | 140 | 928 | .442 | .149 | .882 | -.088 |
| 140 | 565 | -.387 | .064 | -.213 | -.668 | 140 | 715 | -.392 | .076 | -.109 | -.716 | 140 | 929 | -.173 | .101 | .158 | -.495 |
| 140 | 566 | -.404 | .063 | -.246 | -.691 | 140 | 716 | -.279 | .098 | .094 | -.784 | 140 | 930 | -.371 | .066 | -.163 | -.639 |
| 140 | 567 | -.404 | .061 | -.231 | -.672 | 140 | 717 | -.270 | .040 | -.145 | -.422 | 140 | 931 | -.324 | .053 | -.159 | -.514 |
| 140 | 568 | -.380 | .061 | -.206 | -.635 | 140 | 718 | -.287 | .037 | -.155 | -.415 | 140 | 932 | -.344 | .091 | -.032 | -.702 |
| 140 | 569 | -.389 | .062 | -.210 | -.681 | 140 | 719 | -.311 | .043 | -.177 | -.507 | 140 | 933 | -.293 | .049 | -.125 | -.622 |
| 140 | 570 | -.338 | .070 | -.082 | -.600 | 140 | 720 | -.355 | .065 | -.154 | -.658 | 140 | 934 | -.213 | .065 | -.016 | -.468 |
| 140 | 571 | -.350 | .060 | -.137 | -.575 | 140 | 721 | -.396 | .065 | -.230 | -.676 | 140 | 935 | -.333 | .092 | -.069 | -.638 |
| 140 | 572 | -.269 | .074 | -.019 | -.528 | 140 | 722 | -.408 | .068 | -.221 | -.664 | 140 | 936 | -.436 | .078 | -.183 | -.737 |
| 140 | 573 | -.279 | .070 | -.064 | -.509 | 140 | 723 | -.421 | .082 | -.204 | -.745 | 140 | 937 | -.305 | .063 | -.048 | -.511 |
| 140 | 574 | -.218 | .079 | .086 | -.518 | 140 | 724 | -.494 | .120 | -.206 | -1.151 | 140 | 938 | -.309 | .092 | -.001 | -.705 |
| 140 | 575 | -.228 | .075 | .024 | -.460 | 140 | 725 | .464 | .125 | .801 | .007 | 140 | 939 | -.492 | .105 | -.203 | -.939 |
| 140 | 576 | -.153 | .078 | .124 | -.484 | 140 | 726 | .435 | .162 | .861 | -.315 | 140 | 940 | -.284 | .049 | -.109 | -.544 |
| 140 | 577 | -.407 | .067 | -.225 | -.711 | 140 | 727 | .329 | .143 | .757 | -.319 | 140 | 941 | -.515 | .106 | -.161 | -.866 |
| 140 | 578 | -.397 | .063 | -.227 | -.672 | 140 | 728 | .103 | .161 | .614 | -.423 | 140 | 942 | -.518 | .138 | -.116 | -1.157 |
| 140 | 579 | -.417 | .065 | -.248 | -.672 | 140 | 729 | .114 | .120 | .556 | -.316 | 160 | 101 | -.203 | .041 | -.062 | -.364 |
| 140 | 580 | -.451 | .088 | -.216 | -.825 | 140 | 730 | .438 | .141 | .848 | .014 | 160 | 102 | -.210 | .043 | -.077 | -.403 |
| 140 | 581 | -.408 | .066 | -.207 | -.657 | 140 | 731 | .386 | .119 | .826 | .048 | 160 | 103 | -.228 | .047 | -.096 | -.538 |
| 140 | 582 | -.392 | .066 | -.200 | -.631 | 140 | 732 | .324 | .097 | .733 | .091 | 160 | 104 | -.230 | .054 | -.071 | -.549 |
| 140 | 583 | -.408 | .068 | -.210 | -.662 | 140 | 733 | .302 | .126 | .698 | -.138 | 160 | 105 | -.256 | .059 | -.043 | -.705 |
| 140 | 584 | -.394 | .070 | -.211 | -.703 | 140 | 734 | .220 | .113 | .600 | -.230 | 160 | 106 | -.250 | .059 | -.011 | -.596 |
| 140 | 585 | -.307 | .071 | -.018 | -.878 | 140 | 735 | -.126 | .066 | .113 | -.369 | 160 | 107 | -.226 | .041 | -.044 | -.363 |
| 140 | 586 | -.300 | .063 | -.075 | -.559 | 140 | 736 | .144 | .096 | .505 | -.462 | 160 | 108 | -.230 | .041 | -.052 | -.366 |
| 140 | 587 | -.376 | .064 | -.097 | -.674 | 140 | 901 | .173 | .080 | .512 | -.009 | 160 | 109 | -.214 | .045 | -.069 | -.504 |
| 140 | 588 | -.418 | .078 | -.199 | -.813 | 140 | 902 | .166 | .075 | .494 | -.031 | 160 | 110 | -.242 | .047 | -.087 | -.528 |
| 140 | 589 | -.438 | .086 | -.183 | -.871 | 140 | 903 | .226 | .084 | .551 | .039 | 160 | 111 | -.237 | .051 | -.084 | -.571 |
| 140 | 590 | -.418 | .081 | -.186 | -.783 | 140 | 904 | .263 | .078 | .561 | .060 | 160 | 112 | -.258 | .057 | -.084 | -.529 |
| 140 | 591 | -.238 | .105 | .086 | -.684 | 140 | 905 | .268 | .093 | .629 | -.016 | 160 | 113 | -.236 | .036 | -.110 | -.397 |
| 140 | 592 | -.231 | .098 | .088 | -.595 | 140 | 906 | .218 | .075 | .525 | .011 | 160 | 114 | -.236 | .036 | -.106 | -.381 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 160 | 115 | -.226 | .035 | -.115 | -.338 | 160 | 165 | -.227 | .079 | .050 | -.585 | 160 | 237 | -.177 | .046 | -.031 | -.343 |
| 160 | 116 | -.232 | .035 | -.116 | -.356 | 160 | 166 | -.253 | .081 | -.021 | -.596 | 160 | 238 | -.138 | .046 | .019 | -.421 |
| 160 | 117 | -.253 | .040 | -.120 | -.417 | 160 | 167 | -.166 | .072 | .099 | -.552 | 160 | 239 | -.361 | .131 | .015 | -.965 |
| 160 | 118 | -.248 | .041 | -.094 | -.407 | 160 | 168 | -.173 | .074 | .048 | -.584 | 160 | 240 | -.358 | .132 | .038 | -.961 |
| 160 | 119 | -.240 | .038 | -.105 | -.363 | 160 | 169 | -.143 | .076 | .122 | -.519 | 160 | 241 | -.303 | .160 | .099 | -1.018 |
| 160 | 120 | -.240 | .037 | -.106 | -.351 | 160 | 170 | -.334 | .070 | -.150 | -.667 | 160 | 242 | -.271 | .148 | .120 | -.803 |
| 160 | 121 | -.224 | .037 | -.108 | -.350 | 160 | 171 | -.343 | .077 | -.101 | -.690 | 160 | 243 | -.084 | .078 | .136 | -.391 |
| 160 | 122 | -.230 | .036 | -.111 | -.381 | 160 | 172 | -.355 | .080 | -.101 | -.727 | 160 | 244 | -.174 | .049 | -.009 | -.370 |
| 160 | 123 | -.256 | .041 | -.130 | -.449 | 160 | 173 | -.294 | .085 | -.021 | -.632 | 160 | 245 | -.161 | .049 | .028 | -.375 |
| 160 | 124 | -.273 | .050 | -.119 | -.523 | 160 | 174 | -.316 | .078 | -.033 | -.673 | 160 | 246 | -.194 | .067 | .009 | -.446 |
| 160 | 125 | -.232 | .046 | -.055 | -.395 | 160 | 175 | -.233 | .089 | -.016 | -.560 | 160 | 247 | -.187 | .052 | -.040 | -.396 |
| 160 | 126 | -.248 | .045 | -.083 | -.395 | 160 | 176 | -.242 | .089 | .052 | -.579 | 160 | 248 | -.142 | .060 | .080 | -.358 |
| 160 | 127 | -.265 | .045 | -.089 | -.440 | 160 | 177 | -.188 | .106 | .154 | -.593 | 160 | 249 | -.145 | .061 | .077 | -.378 |
| 160 | 128 | -.258 | .044 | -.101 | -.447 | 160 | 178 | -.217 | .101 | .131 | -.600 | 160 | 250 | .176 | .155 | .602 | -.543 |
| 160 | 129 | -.265 | .047 | -.107 | -.439 | 160 | 201 | -.774 | .264 | -.205 | -2.038 | 160 | 251 | .210 | .157 | .701 | -.405 |
| 160 | 130 | -.290 | .050 | -.108 | -.464 | 160 | 202 | -.621 | .169 | -.054 | -1.114 | 160 | 252 | .249 | .141 | .746 | -.304 |
| 160 | 131 | -.293 | .055 | -.125 | -.486 | 160 | 203 | -.181 | .062 | -.027 | -.497 | 160 | 253 | .151 | .136 | .624 | -.385 |
| 160 | 132 | -.304 | .059 | -.121 | -.503 | 160 | 204 | -.150 | .038 | -.019 | -.330 | 160 | 254 | .238 | .109 | .600 | -.187 |
| 160 | 133 | -.268 | .063 | -.028 | -.547 | 160 | 205 | -.216 | .036 | -.085 | -.339 | 160 | 255 | .115 | .114 | .537 | -.322 |
| 160 | 134 | -.260 | .061 | -.101 | -.486 | 160 | 206 | -.189 | .036 | -.061 | -.327 | 160 | 256 | .101 | .114 | .489 | -.259 |
| 160 | 135 | -.299 | .070 | -.126 | -.598 | 160 | 207 | -.656 | .216 | -.252 | -2.152 | 160 | 257 | .129 | .114 | .552 | -.233 |
| 160 | 136 | -.290 | .073 | -.048 | -.548 | 160 | 208 | -.673 | .217 | -.213 | -1.899 | 160 | 258 | .112 | .084 | .514 | -.143 |
| 160 | 137 | -.295 | .073 | -.035 | -.618 | 160 | 209 | -.141 | .074 | .006 | -.502 | 160 | 259 | .133 | .077 | .437 | -.068 |
| 160 | 138 | -.293 | .076 | -.072 | -.638 | 160 | 210 | -.114 | .036 | -.009 | -.274 | 160 | 260 | .173 | .087 | .538 | -.099 |
| 160 | 139 | -.258 | .086 | .068 | -.600 | 160 | 211 | -.204 | .035 | -.054 | -.322 | 160 | 261 | .161 | .080 | .522 | -.096 |
| 160 | 140 | -.271 | .097 | .048 | -.655 | 160 | 212 | -.197 | .034 | -.064 | -.307 | 160 | 262 | .184 | .142 | .583 | -.261 |
| 160 | 141 | -.237 | .102 | .036 | -.716 | 160 | 213 | -.600 | .164 | -.055 | -1.230 | 160 | 263 | .182 | .139 | .612 | -.247 |
| 160 | 142 | -.246 | .103 | .016 | -.784 | 160 | 214 | -.600 | .174 | -.024 | -1.484 | 160 | 264 | .226 | .131 | .811 | -.286 |
| 160 | 143 | -.293 | .115 | .028 | -1.080 | 160 | 215 | -.216 | .196 | .124 | -1.004 | 160 | 265 | .192 | .105 | .693 | -.184 |
| 160 | 144 | -.272 | .113 | .141 | -.621 | 160 | 216 | -.097 | .051 | .020 | -.442 | 160 | 266 | .259 | .097 | .698 | -.110 |
| 160 | 145 | -.235 | .103 | .136 | -.699 | 160 | 217 | -.191 | .034 | -.060 | -.343 | 160 | 267 | .274 | .101 | .739 | -.019 |
| 160 | 146 | -.249 | .123 | .114 | -.828 | 160 | 218 | -.205 | .035 | -.091 | -.384 | 160 | 268 | .290 | .111 | .806 | -.037 |
| 160 | 147 | -.285 | .111 | .021 | -.843 | 160 | 219 | -.569 | .158 | -.030 | -1.333 | 160 | 269 | -.254 | .173 | .144 | -1.013 |
| 160 | 148 | -.281 | .107 | .028 | -.816 | 160 | 220 | -.633 | .175 | .081 | -1.394 | 160 | 270 | -.237 | .182 | .159 | -1.074 |
| 160 | 149 | -.293 | .099 | .135 | -.768 | 160 | 221 | -.287 | .207 | .074 | -1.003 | 160 | 271 | -.164 | .092 | .091 | -.546 |
| 160 | 150 | -.283 | .112 | .146 | -.780 | 160 | 222 | -.120 | .075 | .043 | -.644 | 160 | 272 | -.094 | .053 | .116 | -.348 |
| 160 | 151 | -.188 | .117 | .221 | -.816 | 160 | 223 | -.198 | .035 | -.045 | -.391 | 160 | 273 | -.143 | .050 | -.008 | -.381 |
| 160 | 152 | -.207 | .137 | .167 | -1.046 | 160 | 224 | -.224 | .035 | -.101 | -.402 | 160 | 274 | -.169 | .052 | -.025 | -.414 |
| 160 | 153 | -.208 | .066 | 0.000 | -.433 | 160 | 225 | -.559 | .184 | .055 | -1.411 | 160 | 275 | -.155 | .162 | .225 | -.946 |
| 160 | 154 | -.218 | .068 | -.014 | -.474 | 160 | 226 | -.558 | .177 | -.041 | -1.466 | 160 | 276 | -.121 | .155 | .232 | -.863 |
| 160 | 155 | -.197 | .064 | .009 | -.451 | 160 | 227 | -.245 | .171 | .109 | -.948 | 160 | 277 | -.031 | .059 | .174 | -.252 |
| 160 | 156 | -.240 | .072 | -.024 | -.492 | 160 | 228 | -.122 | .060 | .018 | -.548 | 160 | 278 | -.060 | .045 | .131 | -.210 |
| 160 | 157 | -.305 | .056 | -.145 | -.542 | 160 | 229 | -.189 | .036 | -.062 | -.329 | 160 | 279 | -.120 | .040 | .004 | -.270 |
| 160 | 158 | -.314 | .065 | -.116 | -.571 | 160 | 230 | -.206 | .038 | -.073 | -.322 | 160 | 280 | -.126 | .042 | .074 | -.294 |
| 160 | 159 | -.302 | .060 | -.115 | -.555 | 160 | 231 | -.563 | .156 | -.134 | -1.319 | 160 | 301 | .022 | .064 | .230 | -.240 |
| 160 | 160 | -.315 | .061 | -.108 | -.632 | 160 | 232 | -.575 | .168 | .097 | -1.233 | 160 | 302 | .146 | .077 | .523 | -.125 |
| 160 | 161 | -.337 | .068 | -.150 | -.655 | 160 | 233 | -.517 | .153 | -.104 | -1.306 | 160 | 303 | .245 | .093 | .645 | -.061 |
| 160 | 162 | -.280 | .073 | -.072 | -.574 | 160 | 234 | -.486 | .176 | -.041 | -1.236 | 160 | 304 | .319 | .096 | .557 | -.008 |
| 160 | 163 | -.319 | .078 | -.085 | -.676 | 160 | 235 | -.192 | .130 | .089 | -.804 | 160 | 305 | .380 | .108 | .708 | -.008 |
| 160 | 164 | -.308 | .084 | -.089 | -.642 | 160 | 236 | -.118 | .051 | .018 | -.387 | 160 | 306 | .285 | .107 | .631 | -.110 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 160 | 307 | .060 | .062 | .237 | -.205 | 160 | 358 | .445 | .127 | .953 | .128 | 160 | 408 | .005 | .088 | .407 | -.324 |
| 160 | 308 | .220 | .088 | .492 | -.124 | 160 | 359 | .413 | .119 | .775 | .110 | 160 | 501 | -.312 | .089 | -.046 | -.714 |
| 160 | 309 | .393 | .114 | .798 | -.037 | 160 | 360 | .345 | .116 | .709 | .043 | 160 | 502 | -.305 | .078 | -.038 | -.711 |
| 160 | 310 | .442 | .122 | .766 | .076 | 160 | 361 | -.072 | .066 | .163 | -.319 | 160 | 503 | -.293 | .064 | -.060 | -.744 |
| 160 | 311 | .451 | .122 | .786 | .048 | 160 | 362 | .087 | .079 | .373 | -.136 | 160 | 504 | -.295 | .052 | -.122 | -.512 |
| 160 | 312 | .283 | 123 | .672 | -.136 | 160 | 363 | .340 | .110 | .790 | .047 | 160 | 505 | -.288 | .049 | -.146 | -.487 |
| 160 | 313 | .078 | .059 | .281 | -.119 | 160 | 364 | .418 | .121 | .890 | .098 | 160 | 506 | -.272 | .043 | -.127 | -.454 |
| 160 | 314 | .240 | .085 | .562 | -.010 | 160 | 365 | .344 | .114 | .752 | .055 | 160 | 507 | -.308 | .085 | -.078 | -.748 |
| 160 | 315 | .519 | 121 | .922 | .164 | 160 | 366 | .303 | .109 | .683 | .028 | 160 | 508 | -.304 | .076 | -.119 | -.761 |
| 160 | 316 | .609 | .132 | .995 | .202 | 160 | 367 | .253 | .109 | .676 | -.028 | 160 | 509 | -.285 | .061 | -.119 | -.796 |
| 160 | 317 | .483 | .116 | .804 | .128 | 160 | 368 | .233 | .120 | .608 | -.114 | 160 | 510 | -.273 | .049 | -.135 | -.513 |
| 160 | 318 | .153 | .125 | .615 | -.320 | 160 | 369 | .226 | .109 | .655 | -.076 | 160 | 511 | -.280 | .044 | -.134 | -.442 |
| 160 | 319 | .042 | .058 | .286 | -.158 | 160 | 370 | .260 | .103 | .679 | -.058 | 160 | 512 | -.269 | .046 | -.128 | -.426 |
| 160 | 320 | .194 | .081 | .539 | -.071 | 160 | 371 | .221 | .092 | .595 | -.038 | 160 | 513 | -.307 | .078 | -.141 | -.882 |
| 160 | 321 | .453 | .117 | .857 | .141 | 160 | 372 | .267 | .108 | .724 | -.055 | 160 | 514 | -.291 | .061 | -.144 | -.650 |
| 160 | 322 | .532 | .128 | .928 | .182 | 160 | 373 | .226 | .097 | .651 | -.076 | 160 | 515 | -.270 | .047 | -.121 | -.520 |
| 160 | 323 | .406 | .119 | .779 | .069 | 160 | 374 | -.058 | .084 | .230 | -.384 | 160 | 516 | -.258 | .044 | -.106 | -.528 |
| 160 | 324 | .136 | .123 | .570 | -.260 | 160 | 375 | .053 | .097 | .361 | -.270 | 160 | 517 | -.261 | .043 | -.093 | -.459 |
| 160 | 325 | .005 | .067 | .229 | -.220 | 160 | 376 | .219 | .132 | .632 | -.187 | 160 | 518 | -.253 | .044 | -.108 | -.413 |
| 160 | 326 | .196 | .090 | .476 | -.054 | 160 | 377 | .281 | .160 | .757 | -.224 | 160 | 519 | -.311 | .074 | -.139 | -.743 |
| 160 | 327 | .009 | .065 | .227 | -.345 | 160 | 378 | .301 | .153 | .787 | -.319 | 160 | 520 | -.305 | .060 | -.159 | -.640 |
| 160 | 328 | .190 | .086 | .466 | -.182 | 160 | 379 | .297 | .144 | .753 | -.243 | 160 | 521 | -.298 | .058 | -.110 | -.605 |
| 160 | 329 | -.018 | .064 | .169 | -.311 | 160 | 380 | -.098 | .081 | .211 | -.574 | 160 | 522 | -.290 | .058 | -.108 | -.592 |
| 160 | 330 | .165 | .079 | .438 | -.086 | 160 | 381 | .044 | .091 | .369 | -.396 | 160 | 523 | -.273 | .054 | -.117 | -.524 |
| 160 | 331 | .444 | .118 | .831 | .052 | 160 | 382 | -.149 | .074 | .159 | -.379 | 160 | 524 | -.271 | .054 | -.104 | -.517 |
| 160 | 332 | .514 | .128 | .948 | .151 | 160 | 383 | -.005 | .081 | .312 | -.245 | 160 | 525 | -.290 | .057 | -.134 | -.819 |
| 160 | 333 | .307 | .123 | .703 | -.062 | 160 | 384 | .203 | .104 | .686 | -.033 | 160 | 526 | -.292 | .058 | -.130 | -.897 |
| 160 | 334 | .130 | .129 | .528 | -.262 | 160 | 385 | .272 | .107 | .739 | .028 | 160 | 527 | -.306 | .064 | -.105 | -.870 |
| 160 | 336 | .299 | .136 | .696 | -.202 | 160 | 386 | .255 | .095 | .634 | .028 | 160 | 528 | -.302 | .064 | -.109 | -.864 |
| 160 | 337 | .128 | .137 | .558 | -.369 | 160 | 387 | .244 | .097 | .674 | -.022 | 160 | 529 | -.327 | .061 | -.148 | -.610 |
| 160 | 338 | .276 | .129 | .702 | -.198 | 160 | 388 | -.173 | .073 | .087 | -.478 | 160 | 530 | -.326 | .060 | -.174 | -.585 |
| 160 | 339 | .265 | .102 | .641 | -.096 | 160 | 389 | -.044 | .072 | .266 | -.230 | 160 | 531 | -.304 | .057 | -.114 | -.602 |
| 160 | 340 | .102 | .147 | .726 | -.363 | 160 | 390 | .116 | .089 | .612 | -.129 | 160 | 532 | -.336 | .063 | -.169 | -.804 |
| 160 | 341 | .177 | .147 | .683 | -.349 | 160 | 391 | .323 | .108 | .727 | .050 | 160 | 533 | -.316 | .066 | -.106 | -.768 |
| 160 | 342 | .147 | .115 | .568 | -.245 | 160 | 392 | .306 | .103 | .674 | .062 | 160 | 534 | -.333 | .076 | -.149 | -1.189 |
| 160 | 343 | .133 | .086 | .493 | -.212 | 160 | 393 | .292 | .101 | .651 | .054 | 160 | 535 | -.299 | .073 | -.127 | -1.225 |
| 160 | 344 | .085 | .106 | .454 | -.262 | 160 | 394 | -.097 | .057 | .152 | -.357 | 160 | 536 | -.323 | .061 | -.133 | -.646 |
| 160 | 345 | .142 | .080 | .488 | -.115 | 160 | 395 | .051 | .056 | .300 | -.137 | 160 | 537 | -.313 | .057 | -.130 | -.510 |
| 160 | 346 | .058 | .083 | .411 | -.310 | 160 | 396 | .095 | .098 | .441 | -.209 | 160 | 538 | -.326 | .066 | -.137 | -.671 |
| 160 | 347 | .030 | .086 | .376 | -.319 | 160 | 397 | .085 | .099 | .526 | -.213 | 160 | 539 | -.314 | .065 | -.129 | -.666 |
| 160 | 348 | .126 | .093 | .430 | -.220 | 160 | 398 | .108 | .094 | .508 | -.306 | 160 | 540 | -.309 | .080 | -.079 | -.690 |
| 160 | 349 | .345 | .118 | .723 | -.056 | 160 | 399 | .140 | .077 | .544 | -.154 | 160 | 541 | -.302 | .078 | -.088 | -.678 |
| 160 | 350 | .445 | .129 | .816 | -.057 | 160 | 400 | .118 | .072 | .412 | -.231 | 160 | 542 | -.295 | .075 | -.082 | -.606 |
| 160 | 351 | .447 | .138 | .860 | -.086 | 160 | 401 | .064 | .096 | .470 | -.309 | 160 | 543 | -.253 | .091 | .014 | -.610 |
| 160 | 352 | .407 | .133 | .821 | -.150 | 160 | 402 | -.016 | .123 | .433 | -.463 | 160 | 544 | -.247 | .088 | .085 | -.614 |
| 160 | 353 | -.051 | .081 | .225 | -.346 | 160 | 403 | .153 | .082 | .530 | -.084 | 160 | 545 | -.202 | .098 | .077 | -.602 |
| 160 | 354 | .100 | .092 | .441 | -.273 | 160 | 404 | .183 | .085 | .625 | -.041 | 160 | 546 | -.192 | .096 | .065 | -.594 |
| 160 | 355 | -.054 | .073 | .188 | -.274 | 160 | 405 | .200 | .074 | .673 | .008 | 160 | 547 | -.158 | .102 | .077 | -.678 |
| 160 | 356 | .077 | 085 | .379 | -.156 | 160 | 406 | .156 | .062 | .508 | -.003 | 160 | 548 | -.144 | .105 | .094 | -.809 |
| 160 | 357 | .358 | .116 | .835 | .088 | 160 | 407 | .067 | .065 | .444 | -.111 | 160 | 549 | -.348 | .073 | -.154 | -.707 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 160 | 550 | -.342 | .070 | -.157 | -.674 | 160 | 600 | .066 | .088 | .422 | -.166 | 160 | 914 | .072 | .088 | .478 | -.239 |
| 160 | 551 | -.355 | .083 | -.127 | -.695 | 160 | 701 | -.211 | .062 | -.011 | -.475 | 160 | 915 | .052 | .080 | .355 | -.339 |
| 160 | 552 | -.488 | .123 | -.072 | -1.005 | 160 | 702 | -.210 | .041 | -.033 | -.346 | 160 | 916 | .022 | .073 | .322 | -.380 |
| 160 | 553 | -.480 | .143 | -.047 | -1.194 | 160 | 703 | -.224 | .038 | -.098 | -.362 | 160 | 917 | .326 | .115 | .774 | .009 |
| 160 | 554 | -.469 | .140 | -.070 | -1.056 | 160 | 704 | -.227 | .048 | -.052 | -.408 | 160 | 918 | .399 | .128 | .979 | .030 |
| 160 | 555 | -.483 | .146 | -.156 | -1.047 | 160 | 705 | -.263 | .064 | .011 | -.489 | 160 | 919 | .425 | .133 | 1.027 | .052 |
| 160 | 556 | -.477 | .149 | -.155 | -1.110 | 160 | 706 | -.298 | .141 | .016 | -.917 | 160 | 920 | -.296 | .067 | -.104 | -.729 |
| 160 | 557 | -.377 | .092 | -.127 | -.785 | 160 | 707 | -.287 | .084 | -.026 | -.706 | 160 | 921 | -.318 | .067 | -.128 | -.614 |
| 160 | 558 | -.363 | .084 | -.099 | -.695 | 160 | 708 | -.284 | .070 | -.111 | -.694 | 160 | 922 | -.316 | .078 | -.109 | -.891 |
| 160 | 559 | -.371 | .081 | -.131 | -.715 | 160 | 709 | -.317 | .062 | -.123 | -.604 | 160 | 923 | .111 | .093 | .554 | -.295 |
| 160 | 560 | -.439 | .091 | -.162 | -.853 | 160 | 710 | -.301 | .079 | -.094 | -.704 | 160 | 924 | .070 | .097 | .402 | -.314 |
| 160 | 561 | -.429 | .099 | -.154 | -.836 | 160 | 711 | -.230 | .137 | .053 | -1.082 | 160 | 925 | .029 | .103 | .314 | -.341 |
| 160 | 562 | -.414 | .097 | -.133 | -.777 | 160 | 712 | -.342 | .072 | -.153 | -.650 | 160 | 926 | .380 | .135 | .925 | .043 |
| 160 | 563 | -.369 | .088 | -.000 | -.719 | 160 | 713 | -.359 | .096 | -.016 | -.807 | 160 | 927 | .460 | .134 | .951 | .086 |
| 160 | 564 | -.365 | .084 | .031 | -.726 | 160 | 714 | -.165 | .108 | .087 | -.643 | 160 | 928 | .509 | .137 | .967 | .178 |
| 160 | 565 | -.355 | .084 | -.130 | -.672 | 160 | 715 | -.376 | .084 | -.111 | -.650 | 160 | 929 | -.334 | .068 | -.043 | -.600 |
| 160 | 566 | -.369 | .080 | -.113 | -.668 | 160 | 716 | -.211 | .091 | .033 | -.505 | 160 | 930 | -.365 | .065 | -.185 | -.625 |
| 160 | 567 | -.387 | .084 | -.183 | -.948 | 160 | 717 | -.293 | .044 | -.155 | -.481 | 160 | 931 | -.339 | .058 | -.164 | -.598 |
| 160 | 568 | -.394 | .082 | -.183 | -.795 | 160 | 718 | -.262 | .047 | -.117 | -.502 | 160 | 932 | -.343 | .074 | -.093 | -.670 |
| 160 | 569 | -.394 | .085 | -.184 | -.826 | 160 | 719 | -.322 | .080 | -.131 | -1.093 | 160 | 933 | -.323 | .062 | -.163 | -.658 |
| 160 | 570 | -.364 | .092 | -.125 | -.712 | 160 | 720 | -.459 | .139 | -.118 | -1.005 | 160 | 934 | -.323 | .072 | -.063 | -.576 |
| 160 | 571 | -.344 | .079 | -.097 | -.667 | 160 | 721 | -.384 | .090 | -.167 | -.873 | 160 | 935 | -.391 | .076 | -.145 | -.775 |
| 160 | 572 | -.319 | .097 | .068 | -1.025 | 160 | 722 | -.454 | .116 | -.153 | -1.236 | 160 | 936 | -.391 | .083 | -.163 | -.834 |
| 160 | 573 | -.302 | .087 | -.038 | -.785 | 160 | 723 | -.455 | .105 | -.159 | -1.317 | 160 | 937 | -.238 | .077 | -.005 | -.576 |
| 160 | 574 | -.247 | .097 | .036 | -.683 | 160 | 724 | -.501 | .151 | -.192 | -1.244 | 160 | 938 | -.409 | .086 | -.141 | -.745 |
| 160 | 575 | -.237 | .089 | .017 | -.630 | 160 | 725 | -.196 | .232 | .338 | -1.120 | 160 | 939 | -.398 | .081 | -.174 | -.814 |
| 160 | 576 | -.207 | .102 | .109 | -.554 | 160 | 726 | -.658 | .265 | .160 | -1.746 | 160 | 940 | -.160 | .098 | .272 | -.559 |
| 160 | 577 | -.379 | .085 | .009 | -.670 | 160 | 727 | -.386 | .210 | .333 | -1.174 | 160 | 941 | -.350 | .086 | -.019 | -.777 |
| 160 | 578 | -.384 | .085 | -.081 | -.683 | 160 | 728 | -.303 | .120 | .132 | -.769 | 160 | 942 | -.397 | .094 | -.089 | -.816 |
| 160 | 579 | -.413 | .087 | -.161 | -.777 | 160 | 729 | -.226 | .119 | .116 | -.669 | 180 | 101 | -.265 | .105 | .043 | -.701 |
| 160 | 580 | -.492 | .118 | -.221 | -1.086 | 160 | 730 | .157 | .184 | .641 | -.783 | 180 | 102 | -.245 | .100 | .055 | -.737 |
| 160 | 581 | -.451 | .098 | -.196 | -.878 | 160 | 731 | .115 | .123 | .628 | -.243 | 180 | 103 | -.252 | .082 | -.002 | -.616 |
| 160 | 582 | -.451 | .098 | -.176 | -.902 | 160 | 732 | .143 | .089 | .676 | -.219 | 180 | 104 | -.237 | .080 | .025 | -.609 |
| 160 | 583 | -.454 | .095 | -.205 | -.861 | 160 | 733 | .224 | .142 | .684 | -.514 | 180 | 105 | -.236 | .087 | .033 | -.642 |
| 160 | 584 | -.427 | .097 | -.088 | -.868 | 160 | 734 | .241 | .097 | .590 | -.004 | 180 | 106 | -.250 | .092 | .041 | -.765 |
| 160 | 585 | -.243 | .081 | .041 | -.589 | 160 | 735 | .032 | .087 | .350 | -.272 | 180 | 107 | -.283 | .105 | .040 | -.725 |
| 160 | 586 | -.234 | .083 | .046 | -.558 | 160 | 736 | -.221 | .184 | .297 | -1.205 | 180 | 108 | -.265 | .096 | .043 | -.678 |
| 160 | 587 | -.284 | .096 | .053 | -.566 | 160 | 901 | .299 | .122 | .840 | .023 | 180 | 109 | -.240 | .077 | -.011 | -.623 |
| 160 | 588 | -.448 | .105 | -.127 | -.967 | 160 | 902 | .299 | .117 | .801 | .032 | 180 | 110 | -.247 | .078 | -.013 | -.736 |
| 160 | 589 | -.470 | .106 | -.216 | -.895 | 160 | 903 | .327 | .118 | .776 | .060 | 180 | 111 | -.244 | .089 | .042 | -.683 |
| 160 | 590 | -.451 | .099 | -.215 | -.887 | 160 | 904 | .216 | .073 | .487 | -.007 | 180 | 112 | -.262 | .092 | -.020 | -.666 |
| 160 | 591 | -.200 | .078 | .057 | -.469 | 160 | 905 | .170 | .079 | .537 | -.060 | 180 | 113 | -.302 | .110 | .001 | -.845 |
| 160 | 592 | -.188 | .073 | .063 | -.442 | 160 | 906 | .126 | .060 | .372 | -.050 | 180 | 114 | -.262 | .084 | -.018 | -.600 |
| 160 | 593 | -.216 | .082 | .009 | -.519 | 160 | 907 | .146 | .065 | .489 | -.043 | 180 | 115 | -.216 | .052 | -.043 | -.465 |
| 160 | 594 | -.364 | .122 | .041 | -.724 | 160 | 908 | -.088 | .089 | .299 | -.368 | 180 | 116 | -.206 | .061 | -.023 | -.532 |
| 160 | 595 | -.467 | .135 | -.089 | -1.169 | 160 | 909 | -.019 | .057 | .168 | -.257 | 180 | 117 | -.239 | .086 | .038 | -.660 |
| 160 | 596 | -.420 | .144 | -.079 | -1.296 | 160 | 910 | -.004 | .055 | .233 | -.243 | 180 | 118 | -.271 | .103 | .008 | -.628 |
| 160 | 597 | .036 | .081 | .312 | -.236 | 160 | 911 | -.351 | .087 | -.055 | -.814 | 180 | 119 | -.331 | .114 | -.048 | -.956 |
| 160 | 598 | .029 | .075 | .309 | -.232 | 160 | 912 | -.330 | .088 | -.050 | -.809 | 180 | 120 | -.291 | .090 | -.047 | -.883 |
| 160 | 599 | .086 | .076 | .359 | -.130 | 160 | 913 | -.364 | .088 | -.135 | -.720 | 180 | 121 | -.234 | .055 | -.082 | -.438 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 122 | -.221 | .060 | -.048 | -.481 | 180 | 172 | -.378 | .099 | -.130 | -.758 | 180 | 244 | -.054 | .049 | .076 | -.303 |
| 180 | 123 | -.256 | .087 | -.002 | -.614 | 180 | 173 | -.282 | .072 | -.090 | -.632 | 180 | 245 | -.035 | .042 | .136 | -.198 |
| 180 | 124 | -.276 | .109 | .016 | -.971 | 180 | 174 | -.319 | .082 | -.127 | -.665 | 180 | 246 | -.040 | .044 | .096 | -.290 |
| 180 | 125 | -.281 | .100 | .040 | -.734 | 180 | 175 | -.304 | .076 | -.116 | -.599 | 180 | 247 | -.061 | .046 | .052 | -.322 |
| 180 | 126 | -.278 | .088 | -.029 | -.747 | 180 | 176 | -.312 | .082 | -.135 | -.716 | 180 | 248 | -.065 | .051 | .081 | -.310 |
| 180 | 127 | -.237 | .057 | -.086 | -.500 | 180 | 177 | -.280 | .071 | -.082 | -.556 | 180 | 249 | -.048 | .052 | .126 | -.400 |
| 180 | 128 | -.287 | .085 | -.099 | -.706 | 180 | 178 | -.298 | .079 | -.114 | -.589 | 180 | 250 | -.175 | .169 | .300 | -1.090 |
| 180 | 129 | -.268 | .103 | -.033 | -.856 | 180 | 201 | -.447 | .157 | -.155 | -1.909 | 180 | 251 | -.101 | .158 | .375 | -.807 |
| 180 | 130 | -.292 | .116 | -.039 | -.954 | 180 | 202 | -.429 | .118 | -.153 | -1.055 | 180 | 252 | -.036 | .132 | .395 | -.551 |
| 180 | 131 | -.332 | .112 | -.087 | -.836 | 180 | 203 | -.461 | .129 | -.060 | -1.075 | 180 | 253 | -.071 | .116 | .296 | -.569 |
| 180 | 132 | -.329 | .119 | -.031 | -.829 | 180 | 204 | -.434 | .164 | .148 | -1.317 | 180 | 254 | .056 | .090 | .378 | -.270 |
| 180 | 133 | -.171 | .079 | .011 | -.686 | 180 | 205 | -.341 | .142 | .160 | -1.181 | 180 | 255 | -.042 | .076 | .222 | -.294 |
| 180 | 134 | -.149 | .083 | .063 | -.738 | 180 | 206 | -.329 | .156 | .079 | -.963 | 180 | 256 | -.043 | .092 | .264 | -.391 |
| 180 | 135 | -.145 | .052 | .018 | -.408 | 180 | 207 | -.430 | .158 | -.137 | -1.763 | 180 | 257 | -.051 | .088 | .291 | -.400 |
| 180 | 136 | -.277 | .092 | -.069 | -.672 | 180 | 208 | -.448 | .159 | -.150 | -1.582 | 180 | 258 | -.005 | .059 | .252 | -.301 |
| 180 | 137 | -.308 | .101 | -.047 | -.764 | 180 | 209 | -.449 | .132 | -.107 | -.999 | 180 | 259 | .037 | .058 | .262 | -.206 |
| 180 | 138 | -.332 | .109 | -.070 | -.854 | 180 | 210 | -.415 | .149 | .061 | -1.033 | 180 | 260 | .071 | .056 | .326 | -.135 |
| 180 | 139 | -.232 | .069 | -.048 | -.591 | 180 | 211 | -.325 | .150 | .107 | -.947 | 180 | 261 | .063 | .056 | .365 | -.160 |
| 180 | 140 | -.246 | .075 | -.035 | -.673 | 180 | 212 | -.342 | .166 | .051 | -1.109 | 180 | 262 | .137 | .123 | .515 | -.378 |
| 180 | 141 | -.037 | .036 | .129 | -.215 | 180 | 213 | -.393 | .129 | -.107 | -1.051 | 180 | 263 | .140 | .124 | .587 | -.360 |
| 180 | 142 | -.030 | .034 | .152 | -.201 | 180 | 214 | -.396 | .126 | -.103 | -.973 | 180 | 264 | .172 | .112 | .584 | -.366 |
| 180 | 143 | -.087 | .042 | .031 | -.349 | 180 | 215 | -.430 | .142 | -.090 | -1.080 | 180 | 265 | .156 | .087 | .460 | -.352 |
| 180 | 144 | -.142 | .047 | -.008 | -.369 | 180 | 216 | -.420 | .149 | .111 | -1.034 | 180 | 266 | .235 | .087 | .543 | -.079 |
| 180 | 145 | -.193 | .068 | -.033 | -.502 | 180 | 217 | -.399 | .177 | .102 | -1.282 | 180 | 267 | .195 | .090 | .545 | -.365 |
| 180 | 146 | -.189 | .073 | -.023 | -.513 | 180 | 218 | -.409 | .191 | .061 | -1.120 | 180 | 268 | .253 | .084 | .625 | .005 |
| 180 | 147 | -.022 | .039 | .115 | -.200 | 180 | 219 | -.469 | .123 | -.097 | -1.199 | 180 | 269 | -.340 | .114 | -.055 | -.872 |
| 180 | 148 | -.012 | .037 | .154 | -.194 | 180 | 220 | -.458 | .125 | -.102 | -1.310 | 180 | 270 | -.324 | .124 | -.002 | -.922 |
| 180 | 149 | -.058 | .042 | .077 | -.300 | 180 | 221 | -.499 | .128 | -.041 | -1.073 | 180 | 271 | -.264 | .082 | -.056 | -.617 |
| 180 | 150 | -.106 | .045 | .060 | -.325 | 180 | 222 | -.461 | .146 | .044 | -1.031 | 180 | 272 | -.140 | .056 | .007 | -.321 |
| 180 | 151 | -.147 | .055 | -.001 | -.401 | 180 | 223 | -.407 | .169 | .100 | -1.005 | 180 | 273 | -.100 | .051 | .012 | -.292 |
| 180 | 152 | -.177 | .081 | -.006 | -.634 | 180 | 224 | -.437 | .195 | .028 | -1.172 | 180 | 274 | -.079 | .046 | .040 | -.281 |
| 180 | 153 | -.066 | .046 | .075 | -.279 | 180 | 225 | -.562 | .170 | -.228 | -2.015 | 180 | 275 | -.253 | .088 | -.016 | -.649 |
| 180 | 154 | -.069 | .048 | .073 | -.303 | 180 | 226 | -.572 | .167 | -.203 | -1.579 | 180 | 276 | -.257 | .095 | -.027 | -.807 |
| 180 | 155 | -.060 | .048 | .058 | -.233 | 180 | 227 | -.576 | .146 | -.165 | -1.294 | 180 | 277 | -.054 | .058 | .255 | -.252 |
| 180 | 156 | -.085 | .056 | .055 | -.308 | 180 | 228 | -.463 | .142 | -.045 | -1.006 | 180 | 278 | -.083 | .037 | .043 | -.241 |
| 180 | 157 | -.350 | .110 | -.076 | -.881 | 180 | 229 | -.340 | .126 | .028 | -.788 | 180 | 279 | -.074 | .039 | .048 | -.268 |
| 180 | 158 | -.328 | .114 | -.013 | -.942 | 180 | 230 | -.343 | .130 | -.024 | -.844 | 180 | 280 | -.039 | .036 | .071 | -.250 |
| 180 | 159 | -.349 | .115 | -.082 | -.876 | 180 | 231 | -.705 | .175 | -.274 | -1.451 | 180 | 301 | .114 | .097 | .404 | -.219 |
| 180 | 160 | -.329 | .097 | -.103 | -.771 | 180 | 232 | -.713 | .172 | -.304 | -1.534 | 180 | 302 | .253 | .102 | .632 | -.064 |
| 180 | 161 | -.338 | .107 | -.113 | -1.039 | 180 | 233 | -.534 | .150 | -.169 | -1.162 | 180 | 303 | .298 | .104 | .676 | -.041 |
| 180 | 162 | -.322 | .097 | -.109 | -.824 | 180 | 234 | -.512 | .139 | -.181 | -1.270 | 180 | 304 | .298 | .097 | .576 | -.027 |
| 180 | 163 | -.345 | .119 | -.074 | -.934 | 180 | 235 | -.344 | .115 | -.010 | -.803 | 180 | 305 | .229 | .096 | .547 | -.070 |
| 180 | 164 | -.385 | .156 | -.116 | -1.294 | 180 | 236 | -.220 | .107 | .026 | -.721 | 180 | 306 | .066 | .084 | .396 | -.256 |
| 180 | 165 | -.238 | .068 | .045 | -.507 | 180 | 237 | -.158 | .085 | .112 | -.505 | 180 | 307 | .120 | .114 | .450 | -.243 |
| 180 | 166 | -.277 | .076 | -.067 | -.627 | 180 | 238 | -.145 | .078 | .049 | -.482 | 180 | 308 | .361 | .111 | .712 | .037 |
| 180 | 167 | -.183 | .049 | -.020 | -.396 | 180 | 239 | -.423 | .130 | -.107 | -1.204 | 180 | 309 | .488 | .115 | .843 | .124 |
| 180 | 168 | -.211 | .063 | -.028 | -.527 | 180 | 240 | -.434 | .126 | -.132 | -1.227 | 180 | 310 | .440 | .113 | .815 | -.015 |
| 180 | 169 | -.186 | .057 | -.029 | -.421 | 180 | 241 | -.476 | .176 | -.075 | -1.319 | 180 | 311 | .297 | .101 | .617 | -.072 |
| 180 | 170 | -.349 | .092 | -.128 | -.729 | 180 | 242 | -.440 | .155 | -.076 | -.966 | 180 | 312 | .048 | .089 | .419 | -.323 |
| 180 | 171 | -.366 | .097 | -.127 | -.795 | 180 | 243 | -.182 | .089 | .035 | -.608 | 180 | 313 | .125 | .097 | .498 | -.228 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 314 | .354 | .110 | .745 | .040 | 180 | 365 | .292 | .104 | .717 | -.062 | 180 | 507 | -.254 | .109 | .122 | -.855 |
| 180 | 315 | .593 | .131 | 1.045 | .197 | 180 | 366 | .247 | .096 | .623 | -.048 | 180 | 508 | -.265 | .103 | .055 | -.708 |
| 180 | 316 | .570 | .127 | .972 | .164 | 180 | 367 | .173 | .091 | .568 | -.079 | 180 | 509 | -.381 | .125 | .040 | -1.100 |
| 180 | 317 | .331 | .099 | .628 | .002 | 180 | 368 | .190 | .109 | .634 | -.153 | 180 | 510 | -.480 | .118 | -.002 | -.907 |
| 180 | 318 | .038 | .088 | .272 | -.345 | 180 | 369 | .153 | .092 | .498 | -.138 | 180 | 511 | -.839 | .313 | -.179 | -2.082 |
| 180 | 319 | .089 | .099 | .395 | -.314 | 180 | 370 | .258 | .099 | .604 | -.015 | 180 | 512 | -.762 | .272 | -.171 | -1.836 |
| 180 | 320 | .323 | .108 | .665 | -.055 | 180 | 371 | .212 | .097 | .750 | -.113 | 180 | 513 | -.327 | .152 | .052 | -1.067 |
| 180 | 321 | .566 | .127 | .928 | .175 | 180 | 372 | .233 | .089 | .632 | -.086 | 180 | 514 | -.310 | .143 | .126 | -.987 |
| 180 | 322 | .544 | .122 | .861 | .204 | 180 | 373 | .174 | .074 | .489 | -.075 | 180 | 515 | -.437 | .174 | .086 | -.949 |
| 180 | 323 | .272 | .100 | .596 | -.025 | 180 | 374 | -.098 | .076 | .138 | -.447 | 180 | 516 | -.570 | .186 | .008 | -1.107 |
| 180 | 324 | .008 | .090 | .295 | -.452 | 180 | 375 | -.023 | .083 | .241 | -.392 | 180 | 517 | -.591 | .199 | -.001 | -1.602 |
| 180 | 325 | .037 | .098 | .468 | -.328 | 180 | 376 | .106 | .117 | .507 | -.329 | 180 | 518 | -.611 | .189 | -.122 | -1.498 |
| 180 | 326 | .289 | .110 | .602 | -.034 | 180 | 377 | .202 | .165 | .686 | -.464 | 180 | 519 | -.326 | .170 | .046 | -1.096 |
| 180 | 327 | .006 | .095 | .326 | -.380 | 180 | 378 | .278 | .173 | .816 | -.624 | 180 | 520 | -.312 | .147 | .072 | -1.117 |
| 180 | 328 | .262 | .101 | .640 | -.045 | 180 | 379 | .220 | .191 | .701 | -.809 | 180 | 521 | -.415 | .184 | .041 | -1.038 |
| 180 | 329 | -.013 | .104 | .366 | -.487 | 180 | 380 | -.132 | .078 | .236 | -.435 | 180 | 522 | -.560 | .209 | -.025 | -1.346 |
| 180 | 330 | .240 | .097 | .621 | -.068 | 180 | 381 | -.027 | .074 | .263 | -.353 | 180 | 523 | -.604 | .220 | -.160 | -1.723 |
| 180 | 331 | .527 | .131 | 1.030 | .159 | 180 | 382 | -.125 | .068 | .095 | -.390 | 180 | 524 | -.610 | .224 | -.159 | -1.698 |
| 180 | 332 | .501 | .125 | .867 | .135 | 180 | 383 | -.014 | .055 | .159 | -.250 | 180 | 525 | -.588 | .211 | -.150 | -1.724 |
| 180 | 333 | .094 | .106 | .411 | -.291 | 180 | 384 | .139 | .087 | .522 | -.190 | 180 | 526 | -.593 | .215 | -.158 | -1.870 |
| 180 | 334 | -.118 | .108 | .224 | -.562 | 180 | 385 | .246 | .116 | .779 | -.209 | 180 | 527 | -.591 | .221 | -.151 | -1.607 |
| 180 | 336 | .039 | .115 | .442 | -.440 | 180 | 386 | .276 | .124 | .866 | -.263 | 180 | 528 | -.595 | .223 | -.140 | -1.541 |
| 180 | 337 | -.127 | .115 | .326 | -.681 | 180 | 387 | .263 | .108 | .656 | -.148 | 180 | 529 | -.296 | .127 | .024 | -.932 |
| 180 | 338 | .108 | .122 | .483 | -.333 | 180 | 388 | -.088 | .077 | .268 | -.443 | 180 | 530 | -.306 | .119 | .074 | -.895 |
| 180 | 339 | .207 | .115 | .608 | -.164 | 180 | 389 | .007 | .062 | .415 | -.242 | 180 | 531 | -.276 | .102 | -.023 | -.720 |
| 180 | 340 | -.072 | .132 | .415 | -.470 | 180 | 390 | .075 | .063 | .364 | -.181 | 180 | 532 | -.300 | .157 | .084 | -1.185 |
| 180 | 341 | -.015 | .151 | .505 | -.482 | 180 | 391 | .261 | .111 | .680 | -.076 | 180 | 533 | -.515 | .227 | .036 | -1.440 |
| 180 | 342 | -.021 | .128 | .382 | -.449 | 180 | 392 | .271 | .115 | .787 | -.171 | 180 | 534 | -.738 | .276 | -.004 | -1.879 |
| 180 | 343 | .078 | .067 | .375 | -.138 | 180 | 393 | .253 | .108 | .682 | -.201 | 180 | 535 | -.598 | .244 | -.116 | -1.632 |
| 180 | 344 | .056 | .101 | .462 | -.277 | 180 | 394 | -.030 | .057 | .177 | -.267 | 180 | 536 | -.320 | .127 | -.035 | -.929 |
| 180 | 345 | .049 | .057 | .287 | -.156 | 180 | 395 | .072 | .047 | .238 | -.105 | 180 | 537 | -.345 | .114 | -.059 | -.778 |
| 180 | 346 | .023 | .084 | .495 | -.320 | 180 | 396 | .061 | .066 | .357 | -.186 | 180 | 538 | -.365 | .122 | -.065 | -.963 |
| 180 | 347 | .095 | .123 | .546 | -.324 | 180 | 397 | .098 | .085 | .531 | -.143 | 180 | 539 | -.353 | .111 | -.104 | -1.023 |
| 180 | 348 | .214 | .124 | .672 | -.291 | 180 | 398 | .137 | .089 | .470 | -.174 | 180 | 540 | -.323 | .105 | .069 | -.730 |
| 180 | 349 | .367 | .158 | .871 | -.307 | 180 | 399 | .223 | .111 | .687 | -.124 | 180 | 541 | -.336 | .105 | .055 | -.727 |
| 180 | 350 | .450 | .167 | .971 | -.329 | 180 | 400 | .215 | .105 | .678 | -.144 | 180 | 542 | -.361 | .109 | -.097 | -.732 |
| 180 | 351 | .378 | .158 | .825 | -.522 | 180 | 401 | .127 | .090 | .467 | -.206 | 180 | 543 | -.231 | .080 | .045 | -.530 |
| 180 | 352 | .271 | .138 | .697 | -.500 | 180 | 402 | .003 | .076 | .467 | -.339 | 180 | 544 | -.259 | .072 | .021 | -.587 |
| 180 | 353 | -.012 | .087 | .326 | -.428 | 180 | 403 | .124 | .068 | .418 | -.110 | 180 | 545 | -.203 | .076 | .067 | -.500 |
| 180 | 354 | .152 | .102 | .576 | -.283 | 180 | 404 | .161 | .076 | .469 | -.086 | 180 | 546 | -.239 | .064 | -.044 | -.532 |
| 180 | 355 | -.055 | .061 | .189 | -.295 | 180 | 405 | .248 | .088 | .625 | -.028 | 180 | 547 | -.113 | .071 | .125 | -.450 |
| 180 | 356 | .066 | .069 | .342 | -.138 | 180 | 406 | .220 | .086 | .604 | .018 | 180 | 548 | -.185 | .067 | .091 | -.529 |
| 180 | 357 | .309 | .104 | .701 | .050 | 180 | 407 | .071 | .063 | .406 | -.112 | 180 | 549 | -.335 | .116 | -.059 | -.919 |
| 180 | 358 | .403 | .119 | .927 | .076 | 180 | 408 | -.046 | .055 | .212 | -.304 | 180 | 550 | -.338 | .127 | -.008 | -.831 |
| 180 | 359 | .338 | .105 | .767 | .027 | 180 | 501 | -.258 | .104 | .132 | -.839 | 180 | 551 | -.412 | .158 | .005 | -1.028 |
| 180 | 360 | .229 | .096 | .592 | -.059 | 180 | 502 | -.272 | .119 | .108 | -.838 | 180 | 552 | -.695 | .251 | -.035 | -1.792 |
| 180 | 361 | -.040 | .085 | .342 | -.298 | 180 | 503 | -.400 | .128 | -.006 | -.982 | 180 | 553 | -.618 | .213 | -.037 | -1.803 |
| 180 | 362 | .107 | .083 | .425 | -.135 | 180 | 504 | -.522 | .126 | -.061 | -.978 | 180 | 554 | -.684 | .219 | -.089 | -1.729 |
| 180 | 363 | .350 | .115 | .796 | .006 | 180 | 505 | -.655 | .201 | -.216 | -1.373 | 180 | 555 | -.562 | .212 | .062 | -1.281 |
| 180 | 364 | .433 | .129 | .911 | -.008 | 180 | 506 | -.858 | .381 | -.222 | -2.046 | 180 | 556 | -.634 | .221 | -.008 | -1.559 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 557 | -.264 | .096 | .002 | -.756 | 180 | 707 | -.248 | .102 | .042 | -.900 | 180 | 921 | -.231 | .154 | .188 | -1.037 |
| 180 | 558 | -.238 | .097 | .045 | -.691 | 180 | 708 | -.300 | .165 | .064 | -1.263 | 180 | 922 | -.498 | .227 | .008 | -1.387 |
| 180 | 559 | -.191 | .108 | .139 | -.681 | 180 | 709 | -.308 | .135 | -.050 | -1.090 | 180 | 923 | .123 | .089 | .461 | -.278 |
| 180 | 560 | -.366 | .196 | .106 | -1.092 | 180 | 710 | -.334 | .111 | .004 | -.824 | 180 | 924 | .125 | .100 | .504 | -.250 |
| 180 | 561 | -.465 | .152 | .080 | -1.052 | 180 | 711 | -.178 | .083 | .031 | -.707 | 180 | 925 | .092 | .112 | .545 | -.301 |
| 180 | 562 | -.462 | .145 | .060 | -.983 | 180 | 712 | -.350 | .113 | -.077 | -.876 | 180 | 926 | .492 | .141 | .994 | .091 |
| 180 | 563 | -.295 | .092 | .055 | -.744 | 180 | 713 | -.397 | .165 | -.111 | -1.231 | 180 | 927 | .473 | .125 | .961 | .093 |
| 180 | 564 | -.286 | .087 | .074 | -.689 | 180 | 714 | -.224 | .076 | .007 | -.568 | 180 | 928 | .504 | .126 | .968 | .144 |
| 180 | 565 | -.242 | .080 | -.024 | -.662 | 180 | 715 | -.377 | .102 | -.132 | -.921 | 180 | 929 | -.369 | .099 | .286 | -.757 |
| 180 | 566 | -.187 | .145 | .227 | -.793 | 180 | 716 | -.291 | .074 | -.100 | -.589 | 180 | 930 | -.449 | .096 | -.204 | -1.006 |
| 180 | 567 | -.352 | .200 | .219 | -1.086 | 180 | 717 | -.844 | .352 | -.194 | -2.080 | 180 | 931 | -.408 | .078 | -.183 | -.746 |
| 180 | 568 | -.357 | .175 | .199 | -1.307 | 180 | 718 | -.606 | .213 | -.092 | -1.748 | 180 | 932 | -.379 | .097 | .051 | -.766 |
| 180 | 569 | -.353 | .180 | .227 | -1.351 | 180 | 719 | -.761 | .289 | .020 | -2.167 | 180 | 933 | -.395 | .080 | -.164 | -.733 |
| 180 | 570 | -.291 | .086 | -.044 | -.718 | 180 | 720 | -.702 | .288 | .313 | -2.157 | 180 | 934 | -.385 | .110 | .067 | -.889 |
| 180 | 571 | -.330 | .091 | -.082 | -.689 | 180 | 721 | -.371 | .171 | .198 | -1.083 | 180 | 935 | -.473 | .106 | -.176 | -1.003 |
| 180 | 572 | -.293 | .078 | .009 | -.624 | 180 | 722 | -.391 | .173 | .064 | -1.460 | 180 | 936 | -.416 | .088 | -.181 | -.783 |
| 180 | 573 | -.298 | .070 | -.071 | -.653 | 180 | 723 | -.337 | .136 | .104 | -.847 | 180 | 937 | -.337 | .108 | .213 | -.800 |
| 180 | 574 | -.293 | .081 | -.046 | -.752 | 180 | 724 | -.355 | .206 | .030 | -1.604 | 180 | 938 | -.480 | .115 | -.187 | -1.084 |
| 180 | 575 | -.299 | .075 | -.106 | -.679 | 180 | 725 | -.430 | .151 | -.030 | -1.513 | 180 | 939 | -.435 | .099 | -.186 | -.847 |
| 180 | 576 | -.273 | .084 | -.022 | -.607 | 180 | 726 | -.416 | .129 | -.123 | -1.304 | 180 | 940 | -.295 | .134 | .129 | -.828 |
| 180 | 577 | -.281 | .095 | -.042 | -.810 | 180 | 727 | -.534 | .137 | -.066 | -1.197 | 180 | 941 | -.470 | .117 | -.024 | -.963 |
| 180 | 578 | -.253 | .100 | .002 | -.810 | 180 | 728 | -.359 | .109 | -.076 | -.772 | 180 | 942 | -.463 | .108 | -.187 | -1.128 |
| 180 | 579 | -.273 | .148 | .038 | -.947 | 180 | 729 | -.319 | .113 | -.010 | -.775 | 200 | 101 | -.283 | .077 | -.043 | -.788 |
| 180 | 580 | -.314 | .146 | .180 | -.852 | 180 | 730 | -.244 | .201 | .275 | -1.312 | 200 | 102 | -.262 | .073 | -.058 | -.799 |
| 180 | 581 | -.338 | .156 | .256 | -.999 | 180 | 731 | -.020 | .077 | .245 | -.379 | 200 | 103 | -.279 | .081 | -.083 | -.881 |
| 180 | 582 | -.335 | .151 | .232 | -1.016 | 180 | 732 | .022 | .061 | .234 | -.224 | 200 | 104 | -.272 | .058 | -.049 | -.554 |
| 180 | 583 | -.338 | .144 | .233 | -1.096 | 180 | 733 | .165 | .126 | .592 | -.365 | 200 | 105 | -.277 | .052 | -.055 | -.521 |
| 180 | 584 | -.296 | .137 | .048 | -.869 | 180 | 734 | .200 | .093 | .511 | -.305 | 200 | 106 | -.266 | .050 | -.110 | -.454 |
| 180 | 585 | -.190 | .060 | -.025 | -.442 | 180 | 735 | .028 | .063 | .263 | -.260 | 200 | 107 | -.274 | .069 | -.026 | -.725 |
| 180 | 586 | -.150 | .057 | .036 | -.383 | 180 | 736 | -.308 | .109 | -.036 | -1.156 | 200 | 108 | -.269 | .065 | -.060 | -.751 |
| 180 | 587 | -.093 | .073 | .139 | -.504 | 180 | 901 | .228 | .106 | .755 | -.077 | 200 | 109 | -.271 | .070 | -.073 | -.697 |
| 180 | 588 | -.231 | .168 | .156 | -.888 | 180 | 902 | .209 | .101 | .704 | -.113 | 200 | 110 | -.266 | .059 | -.087 | -.571 |
| 180 | 589 | -.348 | .154 | .006 | -1.075 | 180 | 903 | .222 | .124 | .632 | -.214 | 200 | 111 | -.256 | .049 | -.102 | -.443 |
| 180 | 590 | -.325 | .141 | .031 | -.974 | 180 | 904 | .121 | .099 | .430 | -.281 | 200 | 112 | -.260 | .048 | -.100 | -.438 |
| 180 | 591 | -.218 | .055 | -.051 | -.465 | 180 | 905 | .073 | .080 | .362 | -.309 | 200 | 113 | -.323 | .056 | -.138 | -.621 |
| 180 | 592 | -.161 | .049 | .026 | -.357 | 180 | 906 | .015 | .073 | .258 | -.254 | 200 | 114 | -.312 | .052 | -.111 | -.599 |
| 180 | 593 | -.115 | .054 | .060 | -.420 | 180 | 907 | .047 | .052 | .222 | -.228 | 200 | 115 | -.288 | .051 | -.142 | -.484 |
| 180 | 594 | -.119 | .134 | .179 | -.795 | 180 | 908 | -.208 | .081 | .011 | -.573 | 200 | 116 | -.265 | .047 | -.129 | -.454 |
| 180 | 595 | -.324 | .223 | .127 | -1.375 | 180 | 909 | -.062 | .061 | .127 | -.401 | 200 | 117 | -.272 | .045 | -.091 | -.450 |
| 180 | 596 | -.261 | .174 | .113 | -1.209 | 180 | 910 | -.038 | .054 | .152 | -.253 | 200 | 118 | -.256 | .042 | -.121 | -.427 |
| 180 | 597 | .024 | .063 | .257 | -.277 | 180 | 911 | -.110 | .125 | .268 | -.852 | 200 | 119 | -.389 | .076 | -.133 | -.839 |
| 180 | 598 | .017 | .058 | .248 | -.215 | 180 | 912 | -.126 | .148 | .307 | -.854 | 200 | 120 | -.370 | .070 | -.148 | -.822 |
| 180 | 599 | .073 | .057 | .283 | -.174 | 180 | 913 | -.328 | .213 | .223 | -1.117 | 200 | 121 | -.344 | .069 | -.127 | -.761 |
| 180 | 600 | .058 | .061 | .262 | -.147 | 180 | 914 | .155 | .114 | .821 | -.177 | 200 | 122 | -.323 | .063 | -.156 | -.618 |
| 180 | 701 | -.075 | .048 | .072 | -.299 | 180 | 915 | .137 | .105 | .539 | -.159 | 200 | 123 | -.336 | .061 | -.153 | -.604 |
| 180 | 702 | -.309 | .137 | .108 | -.975 | 180 | 916 | .112 | .099 | .487 | -.162 | 200 | 124 | -.343 | .065 | -.163 | -.648 |
| 180 | 703 | -.418 | .193 | .024 | -1.269 | 180 | 917 | .374 | .123 | .819 | .055 | 200 | 125 | -.403 | .083 | -.151 | -.760 |
| 180 | 704 | -.351 | .142 | -.006 | -1.023 | 180 | 918 | .449 | .133 | 1.052 | .108 | 200 | 126 | -.401 | .077 | -.168 | -.705 |
| 180 | 705 | -.184 | .084 | .021 | -.697 | 180 | 919 | .471 | .133 | 1.004 | .117 | 200 | 127 | -.399 | .088 | -.180 | -.778 |
| 180 | 706 | -.052 | .049 | .153 | -.315 | 180 | 920 | -.288 | .151 | .167 | -.989 | 200 | 128 | -.396 | .093 | -.152 | -.989 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200 | 129 | -.371 | .090 | -.138 | -1.000 | 200 | 201 | -.325 | .052 | -.143 | -.520 | 200 | 251 | -.490 | .136 | -.016 | -1.127 |
| 200 | 130 | -.387 | .088 | -.128 | -.960 | 200 | 202 | -.320 | .051 | -.143 | -.506 | 200 | 252 | -.462 | .138 | .008 | -1.083 |
| 200 | 131 | -.474 | .121 | -.189 | -.996 | 200 | 203 | -.334 | .065 | -.100 | -.697 | 200 | 253 | -.307 | .148 | .123 | -.890 |
| 200 | 132 | -.468 | .122 | -.185 | -.983 | 200 | 204 | -.341 | .081 | -.037 | -.864 | 200 | 254 | -.225 | .189 | .210 | -.856 |
| 200 | 133 | -.159 | .074 | .055 | -.479 | 200 | 205 | -.312 | .090 | -.074 | -.954 | 200 | 255 | -.394 | .237 | .130 | -1.305 |
| 200 | 134 | -.165 | .071 | .056 | -.434 | 200 | 206 | -.324 | .103 | -.046 | -.806 | 200 | 256 | -.361 | .180 | .091 | -1.001 |
| 200 | 135 | -.238 | .079 | -.026 | -.591 | 200 | 207 | -.291 | .048 | -.127 | -.518 | 200 | 257 | -.273 | .140 | .146 | -.844 |
| 200 | 136 | -.376 | .093 | -.096 | -.766 | 200 | 208 | -.302 | .046 | -.147 | -.485 | 200 | 258 | -.335 | .165 | .157 | -1.097 |
| 200 | 137 | -.510 | .132 | -.143 | -1.033 | 200 | 209 | -.301 | .053 | -.126 | -.632 | 200 | 259 | -.224 | .136 | .299 | -.698 |
| 200 | 138 | -.533 | .137 | -.169 | -1.152 | 200 | 210 | -.312 | .067 | -.063 | -.712 | 200 | 260 | -.024 | .092 | .303 | -.455 |
| 200 | 139 | -.398 | .099 | -.113 | -.774 | 200 | 211 | -.318 | .087 | -.072 | -.807 | 200 | 261 | .072 | .103 | .533 | -.216 |
| 200 | 140 | -.471 | .123 | -.133 | -1.001 | 200 | 212 | -.343 | .106 | -.075 | -1.024 | 200 | 262 | -.211 | .109 | .347 | -.923 |
| 200 | 141 | -.033 | .040 | .155 | -.179 | 200 | 213 | -.288 | .051 | -.140 | -.552 | 200 | 263 | -.180 | .099 | .393 | -.670 |
| 200 | 142 | -.026 | .040 | .175 | -.153 | 200 | 214 | -.285 | .048 | -.145 | -.496 | 200 | 264 | -.141 | .090 | .176 | -.497 |
| 200 | 143 | -.080 | .048 | .110 | -.398 | 200 | 215 | -.304 | .052 | -.135 | -.555 | 200 | 265 | -.309 | .197 | .179 | -1.099 |
| 200 | 144 | -.187 | .073 | .021 | -.548 | 200 | 216 | -.325 | .056 | -.185 | -.718 | 200 | 266 | -.218 | .153 | .283 | -.804 |
| 200 | 145 | -.388 | .115 | -.087 | -.934 | 200 | 217 | -.322 | .072 | -.133 | -.754 | 200 | 267 | -.035 | .153 | .361 | -.776 |
| 200 | 146 | -.400 | .129 | -.075 | -1.112 | 200 | 218 | -.337 | .074 | -.128 | -.714 | 200 | 268 | .106 | .132 | .550 | -.411 |
| 200 | 147 | -.035 | .042 | .148 | -.209 | 200 | 219 | -.360 | .080 | -.154 | -.797 | 200 | 269 | -.226 | .084 | .032 | -.739 |
| 200 | 148 | -.023 | .040 | .131 | -.182 | 200 | 220 | -.356 | .083 | -.110 | -.670 | 200 | 270 | -.210 | .075 | -.002 | -.621 |
| 200 | 149 | -.059 | .042 | .088 | -.272 | 200 | 221 | -.384 | .089 | -.179 | -.892 | 200 | 271 | -.145 | .063 | .147 | -.667 |
| 200 | 150 | -.132 | .058 | .051 | -.425 | 200 | 222 | -.416 | .107 | -.165 | -1.032 | 200 | 272 | -.106 | .062 | .063 | -.421 |
| 200 | 151 | -.302 | .106 | -.033 | -.793 | 200 | 223 | -.430 | .105 | -.192 | -.929 | 200 | 273 | -.089 | .059 | .119 | -.419 |
| 200 | 152 | -.355 | .143 | -.028 | -1.090 | 200 | 224 | -.455 | .117 | -.185 | -1.072 | 200 | 274 | -.082 | .052 | .092 | -.304 |
| 200 | 153 | -.071 | .042 | .082 | -.272 | 200 | 225 | -.518 | .120 | -.220 | -1.163 | 200 | 275 | -.197 | .090 | .092 | -.763 |
| 200 | 154 | -.063 | .042 | .086 | -.300 | 200 | 226 | -.533 | .118 | -.247 | -1.263 | 200 | 276 | -.166 | .079 | .103 | -.551 |
| 200 | 155 | -.061 | .044 | .099 | -.309 | 200 | 227 | -.576 | .142 | -.237 | -1.395 | 200 | 277 | -.093 | .054 | .176 | -.303 |
| 200 | 156 | -.072 | .047 | .088 | -.310 | 200 | 228 | -.528 | .121 | -.185 | -1.162 | 200 | 278 | -.058 | .057 | .256 | -.225 |
| 200 | 157 | -.495 | .110 | -.175 | -.932 | 200 | 229 | -.440 | .104 | -.065 | -.878 | 200 | 279 | -.037 | .050 | .230 | -.250 |
| 200 | 158 | -.490 | .120 | -.210 | -.967 | 200 | 230 | -.465 | .111 | -.120 | -.900 | 200 | 280 | -.031 | .044 | .154 | -.198 |
| 200 | 159 | -.500 | .113 | -.204 | -1.001 | 200 | 231 | -.630 | .151 | -.254 | -1.509 | 200 | 301 | .416 | .116 | .759 | .094 |
| 200 | 160 | -.486 | .103 | -.259 | -.886 | 200 | 232 | -.607 | .144 | -.223 | -1.123 | 200 | 302 | .411 | .110 | .701 | .020 |
| 200 | 161 | -.482 | .103 | -.248 | -.915 | 200 | 233 | -.503 | .154 | -.118 | -1.250 | 200 | 303 | .295 | .096 | .627 | -.024 |
| 200 | 162 | -.496 | .111 | -.162 | -.952 | 200 | 234 | -.434 | .129 | -.053 | -1.032 | 200 | 304 | .220 | .081 | .494 | -.103 |
| 200 | 163 | -.608 | .163 | -.274 | -1.286 | 200 | 235 | -.330 | .124 | .007 | -.832 | 200 | 305 | .084 | .071 | .328 | -.258 |
| 200 | 164 | -.657 | .185 | -.227 | -1.404 | 200 | 236 | -.254 | .118 | .066 | -.931 | 200 | 306 | -.058 | .055 | .132 | -.319 |
| 200 | 165 | -.268 | .101 | .046 | -.725 | 200 | 237 | -.152 | .085 | .101 | -.522 | 200 | 307 | .491 | .128 | .872 | .141 |
| 200 | 166 | -.334 | .103 | -.070 | -.793 | 200 | 238 | -.151 | .077 | .056 | -.769 | 200 | 308 | .540 | .125 | .862 | .181 |
| 200 | 167 | -.140 | .081 | .083 | -.528 | 200 | 239 | -.528 | .231 | -.057 | -1.517 | 200 | 309 | .454 | .111 | .823 | .068 |
| 200 | 168 | -.213 | .115 | .013 | -.851 | 200 | 240 | -.468 | .184 | -.092 | -1.420 | 200 | 310 | .335 | .096 | .615 | .010 |
| 200 | 169 | -.170 | .106 | .055 | -.693 | 200 | 241 | -.439 | .199 | .118 | -1.348 | 200 | 311 | .134 | .071 | .397 | -.091 |
| 200 | 170 | -.444 | .105 | -.101 | -.856 | 200 | 242 | -.323 | .146 | .011 | -1.122 | 200 | 312 | -.058 | .050 | .112 | -.231 |
| 200 | 171 | -.459 | .111 | -.127 | -.909 | 200 | 243 | -.097 | .051 | .070 | -.289 | 200 | 313 | .470 | .138 | .920 | .063 |
| 200 | 172 | -.463 | .110 | -.122 | -.904 | 200 | 244 | -.057 | .045 | .121 | -.260 | 200 | 314 | .568 | .137 | .988 | .186 |
| 200 | 173 | -.412 | .103 | -.011 | -.820 | 200 | 245 | -.035 | .044 | .154 | -.281 | 200 | 315 | .565 | .122 | .934 | .189 |
| 200 | 174 | -.409 | .095 | -.118 | -.766 | 200 | 246 | -.038 | .041 | .135 | -.210 | 200 | 316 | .426 | .100 | .741 | .142 |
| 200 | 175 | -.322 | .106 | -.004 | -.697 | 200 | 247 | -.053 | .040 | .125 | -.319 | 200 | 317 | .153 | .066 | .386 | -.083 |
| 200 | 176 | -.352 | .101 | -.052 | -.712 | 200 | 248 | -.024 | .048 | .265 | -.232 | 200 | 318 | -.083 | .049 | .099 | -.263 |
| 200 | 177 | -.214 | .101 | .093 | -.541 | 200 | 249 | -.014 | .045 | .191 | -.189 | 200 | 319 | .431 | .148 | .905 | .037 |
| 200 | 178 | -.320 | .119 | -.006 | -.793 | 200 | 250 | -.480 | .137 | .041 | -1.104 | 200 | 320 | .510 | .135 | .891 | .139 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200 | 321 | .496 | .118 | .818 | .147 | 200 | 372 | .081 | .146 | .500 | -.540 | 200 | 514 | -.170 | .032 | -.058 | -.272 |
| 200 | 322 | .363 | .100 | .667 | .068 | 200 | 373 | .144 | .144 | .771 | -.624 | 200 | 515 | -.042 | .037 | .119 | -.158 |
| 200 | 323 | .086 | .071 | .330 | -.203 | 200 | 374 | -.203 | .118 | .103 | -.884 | 200 | 516 | .037 | .072 | .301 | -.430 |
| 200 | 324 | -.124 | .066 | .082 | -.469 | 200 | 375 | -.209 | .149 | .143 | -.985 | 200 | 517 | -.335 | .179 | .503 | -.989 |
| 200 | 325 | .419 | .143 | .850 | -.037 | 200 | 376 | -.242 | .129 | .047 | -.954 | 200 | 518 | -.315 | .150 | .254 | -1.106 |
| 200 | 326 | .502 | .133 | .980 | .078 | 200 | 377 | -.220 | .106 | .050 | -.806 | 200 | 519 | -.250 | .050 | -.085 | -.435 |
| 200 | 327 | .432 | .142 | .839 | -.056 | 200 | 378 | -.223 | .095 | .125 | -.596 | 200 | 520 | -.210 | .043 | -.055 | -.362 |
| 200 | 328 | .498 | .136 | .883 | .052 | 200 | 379 | -.242 | .118 | .347 | -.828 | 200 | 521 | -.039 | .038 | .108 | -.169 |
| 200 | 329 | .453 | .145 | .882 | -.086 | 200 | 380 | -.254 | .138 | .082 | -.863 | 200 | 522 | .060 | .068 | .287 | -.211 |
| 200 | 330 | .523 | .135 | .918 | .068 | 200 | 381 | -.161 | .101 | .128 | -.637 | 200 | 523 | -.212 | .192 | .420 | -.745 |
| 200 | 331 | .519 | .118 | .900 | .120 | 200 | 382 | -.208 | .109 | .040 | -.614 | 200 | 524 | -.248 | .169 | .362 | -.861 |
| 200 | 332 | .358 | .103 | .754 | .050 | 200 | 383 | -.166 | .091 | .048 | -.596 | 200 | 525 | -.120 | .199 | .427 | -.821 |
| 200 | 333 | -.311 | .110 | .109 | -.715 | 200 | 384 | -.130 | .082 | .163 | -.580 | 200 | 526 | -.167 | .174 | .439 | -.849 |
| 200 | 334 | -.400 | .110 | -.061 | -.926 | 200 | 385 | -.167 | .111 | .210 | -.725 | 200 | 527 | -.031 | .204 | .478 | -.741 |
| 200 | 336 | -.459 | .134 | .060 | -.950 | 200 | 386 | -.218 | .160 | .315 | -.884 | 200 | 528 | -.102 | .180 | .483 | -.771 |
| 200 | 337 | -.410 | .101 | -.037 | -.772 | 200 | 387 | -.255 | .184 | .274 | -1.033 | 200 | 529 | -.389 | .082 | -.165 | -.771 |
| 200 | 338 | -.307 | .195 | .282 | -1.000 | 200 | 388 | -.129 | .082 | .067 | -.568 | 200 | 530 | -.409 | .091 | -.151 | -.752 |
| 200 | 339 | -.147 | .202 | .360 | -1.025 | 200 | 389 | -.115 | .071 | .094 | -.533 | 200 | 531 | -.359 | .076 | -.131 | -.770 |
| 200 | 340 | -.322 | .139 | .119 | -.863 | 200 | 390 | -.085 | .063 | .155 | -.315 | 200 | 532 | .000 | .049 | .189 | -.157 |
| 200 | 341 | -.290 | .135 | .325 | -.829 | 200 | 391 | .003 | .104 | .475 | -.286 | 200 | 533 | .104 | .074 | .419 | -.356 |
| 200 | 342 | -.259 | .144 | .260 | -.776 | 200 | 392 | .055 | .125 | .531 | -.335 | 200 | 534 | .074 | .169 | .520 | -.849 |
| 200 | 343 | -.174 | .136 | .372 | -.600 | 200 | 393 | .048 | .135 | .530 | -.467 | 200 | 535 | -.028 | .202 | .623 | -.744 |
| 200 | 344 | -.205 | .173 | .526 | -.938 | 200 | 394 | -.060 | .063 | .096 | -.407 | 200 | 536 | -.448 | .103 | -.025 | -.957 |
| 200 | 345 | -.011 | .104 | .429 | -.371 | 200 | 395 | -.049 | .065 | .153 | -.483 | 200 | 537 | -.499 | .118 | -.190 | -1.185 |
| 200 | 346 | -.008 | .116 | .391 | -.470 | 200 | 396 | -.049 | .070 | .224 | -.360 | 200 | 538 | -.499 | .110 | -.247 | -1.060 |
| 200 | 347 | .337 | .161 | .822 | -.301 | 200 | 397 | -.087 | .071 | .182 | -.428 | 200 | 539 | -.467 | .101 | -.225 | -.944 |
| 200 | 348 | .370 | .161 | .880 | -.220 | 200 | 398 | -.083 | .069 | .140 | -.334 | 200 | 540 | -.406 | .136 | .125 | -.890 |
| 200 | 349 | .264 | .184 | .731 | -.525 | 200 | 399 | -.028 | .084 | .276 | -.332 | 200 | 541 | -.450 | .126 | .074 | -.935 |
| 200 | 350 | .049 | .163 | .477 | -.592 | 200 | 400 | -.077 | .119 | .276 | -.566 | 200 | 542 | -.508 | .127 | -.135 | -1.079 |
| 200 | 351 | -.164 | .180 | .395 | -.707 | 200 | 401 | -.177 | .132 | .532 | -.951 | 200 | 543 | -.243 | .152 | .280 | -.773 |
| 200 | 352 | -.281 | .167 | .335 | -.797 | 200 | 402 | -.182 | .113 | .320 | -.685 | 200 | 544 | -.341 | .130 | .081 | -.841 |
| 200 | 353 | .276 | .146 | .670 | -.286 | 200 | 403 | -.017 | .071 | .259 | -.325 | 200 | 545 | -.059 | .107 | .336 | -.472 |
| 200 | 354 | .293 | .143 | .666 | -.136 | 200 | 404 | .002 | .075 | .288 | -.249 | 200 | 546 | -.196 | .104 | .166 | -.612 |
| 200 | 355 | .148 | .103 | .459 | -.321 | 200 | 405 | .065 | .085 | .396 | -.194 | 200 | 547 | .005 | .071 | .413 | -.399 |
| 200 | 356 | .155 | .092 | .454 | -.271 | 200 | 406 | .039 | .089 | .386 | -.210 | 200 | 548 | -.077 | .062 | .156 | -.322 |
| 200 | 357 | .198 | .078 | .444 | -.065 | 200 | 407 | -.058 | .065 | .206 | -.296 | 200 | 549 | -.307 | .071 | -.101 | -.604 |
| 200 | 358 | .147 | .064 | .401 | -.043 | 200 | 408 | -.112 | .069 | .200 | -.409 | 200 | 550 | -.201 | .068 | .002 | -.472 |
| 200 | 359 | -.011 | .071 | .308 | -.206 | 200 | 501 | -.189 | .038 | -.048 | -.328 | 200 | 551 | -.037 | .082 | .241 | -.276 |
| 200 | 360 | -.125 | .091 | .233 | -.419 | 200 | 502 | -.186 | .035 | -.075 | -.330 | 200 | 552 | .006 | .148 | .492 | -.498 |
| 200 | 361 | .211 | .121 | .684 | -.310 | 200 | 503 | -.132 | .039 | .001 | -.282 | 200 | 553 | .124 | .118 | .531 | -.493 |
| 200 | 362 | .244 | .138 | .794 | -.374 | 200 | 504 | -.115 | .046 | .048 | -.344 | 200 | 554 | .068 | .140 | .519 | -.553 |
| 200 | 363 | .343 | .128 | .734 | -.109 | 200 | 505 | -.419 | .144 | .103 | -.887 | 200 | 555 | .151 | .106 | .550 | -.312 |
| 200 | 364 | .283 | .098 | .646 | -.144 | 200 | 506 | -.504 | .115 | -.034 | -.913 | 200 | 556 | .064 | .142 | .588 | -.477 |
| 200 | 365 | -.037 | .079 | .346 | -.315 | 200 | 507 | -.170 | .034 | -.047 | -.290 | 200 | 557 | -.256 | .059 | -.087 | -.469 |
| 200 | 366 | -.112 | .087 | .314 | -.536 | 200 | 508 | -.189 | .033 | -.073 | -.288 | 200 | 558 | -.160 | .051 | .031 | -.342 |
| 200 | 367 | -.217 | .133 | .269 | -.750 | 200 | 509 | -.083 | .035 | .050 | -.239 | 200 | 559 | .004 | .053 | .241 | -.201 |
| 200 | 368 | -.158 | .101 | .271 | -.655 | 200 | 510 | -.040 | .053 | .128 | -.357 | 200 | 560 | .117 | .076 | .439 | -.153 |
| 200 | 369 | -.228 | .118 | .259 | -.775 | 200 | 511 | -.389 | .146 | .164 | -1.008 | 200 | 561 | .122 | .096 | .449 | -.195 |
| 200 | 370 | -.254 | .164 | .406 | -.795 | 200 | 512 | -.570 | .138 | .161 | -1.032 | 200 | 562 | .093 | .106 | .457 | -.244 |
| 200 | 371 | -.264 | .204 | .433 | -1.069 | 200 | 513 | -.212 | .032 | -.106 | -.346 | 200 | 563 | -.419 | .099 | -.165 | -.809 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200 | 564 | -.357 | .082 | -.136 | -.689 | 200 | 714 | -.084 | .078 | .127 | -.471 | 200 | 928 | .380 | .108 | .817 | .023 |
| 200 | 565 | -.275 | .062 | -.075 | -.520 | 200 | 715 | -.470 | .117 | -.122 | -.949 | 200 | 929 | -.307 | .072 | .044 | -.534 |
| 200 | 566 | .038 | .056 | .288 | -.159 | 200 | 716 | -.324 | .112 | -.001 | -.829 | 200 | 930 | -.466 | .085 | -.198 | -.808 |
| 200 | 567 | .168 | .082 | .490 | -.069 | 200 | 717 | -.105 | .231 | .669 | -.995 | 200 | 931 | -.449 | .075 | -.202 | -.754 |
| 200 | 568 | .186 | .102 | .562 | -.090 | 200 | 718 | -.068 | .260 | .604 | -1.223 | 200 | 932 | -.290 | .085 | .128 | -.550 |
| 200 | 569 | .164 | .109 | .613 | -.192 | 200 | 719 | .135 | .224 | .722 | -1.128 | 200 | 933 | -.431 | .075 | -.206 | -.728 |
| 200 | 570 | -.427 | .100 | -.118 | -.873 | 200 | 720 | .189 | .148 | .655 | -.694 | 200 | 934 | -.229 | .079 | .103 | -.519 |
| 200 | 571 | -.444 | .106 | -.097 | -.828 | 200 | 721 | .140 | .115 | .620 | -.299 | 200 | 935 | -.439 | .081 | -.162 | -.756 |
| 200 | 572 | -.401 | .118 | .084 | -.829 | 200 | 722 | -.167 | .157 | .294 | -.899 | 200 | 936 | -.433 | .075 | -.198 | -.686 |
| 200 | 573 | -.407 | .091 | -.008 | -.890 | 200 | 723 | -.155 | .095 | .137 | -.574 | 200 | 937 | -.280 | .074 | -.008 | -.610 |
| 200 | 574 | -.370 | .089 | -.080 | -.604 | 200 | 724 | -.070 | .069 | .092 | -.497 | 200 | 938 | -.441 | .085 | -.076 | -.855 |
| 200 | 575 | -.378 | .111 | -.038 | -.875 | 200 | 725 | -.285 | .049 | -.152 | -.445 | 200 | 939 | -.437 | .076 | -.103 | -.821 |
| 200 | 576 | -.167 | .129 | .174 | -.674 | 200 | 726 | -.314 | .063 | -.095 | -.549 | 200 | 940 | -.264 | .077 | .065 | -.588 |
| 200 | 577 | -.221 | .072 | -.052 | -.602 | 200 | 727 | -.509 | .114 | -.174 | -.984 | 200 | 941 | -.411 | .082 | -.096 | -.760 |
| 200 | 578 | -.118 | .070 | .062 | -.474 | 200 | 728 | -.385 | .126 | .020 | -.859 | 200 | 942 | -.440 | .087 | -.206 | -.841 |
| 200 | 579 | .053 | .092 | .327 | -.363 | 200 | 729 | -.297 | .145 | .085 | -.918 | 220 | 101 | -.337 | .086 | -.060 | -.962 |
| 200 | 580 | .104 | .122 | .538 | -.425 | 200 | 730 | -.605 | .188 | -.003 | -1.512 | 220 | 102 | -.316 | .076 | -.067 | -.855 |
| 200 | 581 | .041 | .144 | .451 | -.515 | 200 | 731 | -.364 | .236 | .086 | -1.713 | 220 | 103 | -.329 | .054 | -.142 | -.669 |
| 200 | 582 | .012 | .145 | .408 | -.616 | 200 | 732 | -.025 | .104 | .448 | -.512 | 220 | 104 | -.317 | .052 | -.098 | -.605 |
| 200 | 583 | .069 | .132 | .495 | -.425 | 200 | 733 | -.326 | .172 | .206 | -1.159 | 220 | 105 | -.324 | .046 | -.157 | -.495 |
| 200 | 584 | .016 | .135 | .473 | -.464 | 200 | 734 | -.090 | .187 | .449 | -1.003 | 220 | 106 | -.315 | .046 | -.173 | -.469 |
| 200 | 585 | -.173 | .047 | -.011 | -.392 | 200 | 735 | -.085 | .080 | .184 | -.519 | 220 | 107 | -.338 | .082 | -.127 | -1.048 |
| 200 | 586 | -.088 | .041 | .120 | -.270 | 200 | 736 | -.216 | .094 | .031 | -.666 | 220 | 108 | -.329 | .067 | -.169 | -.855 |
| 200 | 587 | .045 | .054 | .265 | -.114 | 200 | 901 | -.011 | .106 | .599 | -.328 | 220 | 109 | -.330 | .053 | -.154 | -.556 |
| 200 | 588 | .113 | .093 | .473 | -.114 | 200 | 902 | -.002 | .119 | .553 | -.445 | 220 | 110 | -.307 | .043 | -.164 | -.570 |
| 200 | 589 | .016 | .096 | .443 | -.250 | 200 | 903 | .040 | .133 | .609 | -.368 | 220 | 111 | -.310 | .044 | -.178 | -.473 |
| 200 | 590 | -.025 | .082 | .358 | -.298 | 200 | 904 | .120 | .124 | .580 | -.351 | 220 | 112 | -.298 | .043 | -.149 | -.454 |
| 200 | 591 | -.161 | .058 | .059 | -.363 | 200 | 905 | .022 | .112 | .454 | -.484 | 220 | 113 | -.379 | .070 | -.179 | -.780 |
| 200 | 592 | -.089 | .047 | .082 | -.261 | 200 | 906 | .058 | .104 | .508 | -.336 | 220 | 114 | -.374 | .064 | -.203 | -.673 |
| 200 | 593 | -.034 | .036 | .125 | -.163 | 200 | 907 | .021 | .098 | .414 | -.353 | 220 | 115 | -.343 | .046 | -.228 | -.501 |
| 200 | 594 | .069 | .081 | .379 | -.178 | 200 | 908 | -.152 | .067 | .069 | -.408 | 220 | 116 | -.315 | .042 | -.187 | -.465 |
| 200 | 595 | .021 | .055 | .277 | -.157 | 200 | 909 | -.027 | .057 | .193 | -.306 | 220 | 117 | -.313 | .041 | -.189 | -.455 |
| 200 | 596 | .001 | .039 | .166 | -.169 | 200 | 910 | -.034 | .072 | .208 | -.375 | 220 | 118 | -.287 | .039 | -.155 | -.423 |
| 200 | 597 | -.076 | .065 | .260 | -.335 | 200 | 911 | .069 | .068 | .345 | -.172 | 220 | 119 | -.441 | .080 | -.206 | -.893 |
| 200 | 598 | -.083 | .070 | .206 | -.338 | 200 | 912 | .060 | .076 | .446 | -.275 | 220 | 120 | -.436 | .075 | -.244 | -.831 |
| 200 | 599 | -.033 | .061 | .276 | -.285 | 200 | 913 | .179 | .098 | .531 | -.159 | 220 | 121 | -.418 | .061 | -.255 | -.704 |
| 200 | 600 | -.048 | .075 | .254 | -.343 | 200 | 914 | .257 | .141 | .753 | -.193 | 220 | 122 | -.382 | .050 | -.228 | -.579 |
| 200 | 701 | -.085 | .053 | .106 | -.362 | 200 | 915 | .230 | .125 | .662 | -.180 | 220 | 123 | -.397 | .054 | -.235 | -.595 |
| 200 | 702 | -.280 | .083 | .043 | -.716 | 200 | 916 | .245 | .134 | .681 | -.156 | 220 | 124 | -.411 | .060 | -.235 | -.658 |
| 200 | 703 | -.380 | .090 | -.147 | -.974 | 200 | 917 | .435 | .156 | .945 | -.186 | 220 | 125 | -.463 | .096 | -.223 | -1.076 |
| 200 | 704 | -.484 | .125 | -.169 | -1.224 | 200 | 918 | .372 | .122 | .788 | -.031 | 220 | 126 | -.462 | .087 | -.238 | -.999 |
| 200 | 705 | -.182 | .088 | .060 | -.678 | 200 | 919 | .337 | .112 | .724 | -.046 | 220 | 127 | -.433 | .065 | -.254 | -.734 |
| 200 | 706 | -.037 | .046 | .119 | -.307 | 200 | 920 | .085 | .059 | .324 | -.130 | 220 | 128 | -.406 | .053 | -.257 | -.595 |
| 200 | 707 | -.248 | .052 | -.048 | -.447 | 200 | 921 | .069 | .061 | .279 | -.139 | 220 | 129 | -.375 | .051 | -.226 | -.557 |
| 200 | 708 | -.274 | .050 | -.124 | -.464 | 200 | 922 | .126 | .073 | .392 | -.223 | 220 | 130 | -.391 | .052 | -.250 | -.595 |
| 200 | 709 | -.379 | .085 | -.087 | -.805 | 200 | 923 | .369 | .094 | .667 | .088 | 220 | 131 | -.456 | .073 | -.282 | -.778 |
| 200 | 710 | -.502 | .127 | -.160 | -1.044 | 200 | 924 | .409 | .106 | .730 | .065 | 220 | 132 | -.456 | .078 | -.265 | -.850 |
| 200 | 711 | -.477 | .181 | -.059 | -1.243 | 200 | 925 | .409 | .112 | .766 | .095 | 220 | 133 | -.351 | .084 | -.149 | -.777 |
| 200 | 712 | -.486 | .111 | -.190 | -.966 | 200 | 926 | .500 | .125 | .962 | .146 | 220 | 134 | -.358 | .068 | -.146 | -.662 |
| 200 | 713 | -.651 | .217 | -.222 | -1.560 | 200 | 927 | .379 | .110 | .810 | .023 | 220 | 135 | -.345 | .064 | -.192 | -.662 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 220 | 136 | -.359 | .066 | -.161 | -.676 | 220 | 208 | -.305 | .044 | -.159 | -.478 | 220 | 258 | -.543 | .130 | -.141 | -1.109 |
| 220 | 137 | -.414 | .080 | -.208 | -.814 | 220 | 209 | -.314 | .046 | -.139 | -.488 | 220 | 259 | -.407 | .099 | -.018 | -.794 |
| 220 | 138 | -.436 | .087 | -.186 | -.824 | 220 | 210 | -.312 | .051 | -.154 | -.593 | 220 | 260 | -.335 | .114 | .100 | -.827 |
| 220 | 139 | -.454 | .081 | -.194 | -.809 | 220 | 211 | -.299 | .063 | -.134 | -.715 | 220 | 261 | -.276 | .116 | .207 | -.642 |
| 220 | 140 | -.586 | .120 | -.181 | -1.077 | 220 | 212 | -.298 | .066 | -.120 | -.717 | 220 | 262 | -.702 | .130 | -.256 | -1.319 |
| 220 | 141 | -.121 | .055 | .049 | -.368 | 220 | 213 | -.325 | .042 | -.191 | -.469 | 220 | 263 | -.641 | .127 | -.194 | -1.244 |
| 220 | 142 | -.109 | .051 | .086 | -.309 | 220 | 214 | -.331 | .042 | -.195 | -.499 | 220 | 264 | -.681 | .123 | -.317 | -1.153 |
| 220 | 143 | -.157 | .046 | -.019 | -.324 | 220 | 215 | -.348 | .046 | -.205 | -.513 | 220 | 265 | -.633 | .115 | -.245 | -1.054 |
| 220 | 144 | -.204 | .045 | -.037 | -.378 | 220 | 216 | -.344 | .047 | -.212 | -.520 | 220 | 266 | -.625 | .114 | -.242 | -1.065 |
| 220 | 145 | -.443 | .106 | -.171 | -.923 | 220 | 217 | -.332 | .049 | -.189 | -.540 | 220 | 267 | -.558 | .131 | -.088 | -.985 |
| 220 | 146 | -.528 | .121 | -.177 | -1.120 | 220 | 218 | -.338 | .053 | -.176 | -.600 | 220 | 268 | -.532 | .150 | .152 | -1.015 |
| 220 | 147 | -.090 | .057 | .194 | -.316 | 220 | 219 | -.353 | .051 | -.170 | -.545 | 220 | 269 | -.426 | .120 | -.145 | -1.129 |
| 220 | 148 | -.079 | .052 | .157 | -.282 | 220 | 220 | -.345 | .050 | -.173 | -.536 | 220 | 270 | -.393 | .112 | -.147 | -.948 |
| 220 | 149 | -.121 | .046 | .075 | -.309 | 220 | 221 | -.353 | .049 | -.182 | -.574 | 220 | 271 | -.252 | .065 | -.070 | -.515 |
| 220 | 150 | -.174 | .044 | -.025 | -.359 | 220 | 222 | -.387 | .052 | -.242 | -.698 | 220 | 272 | -.275 | .081 | -.071 | -.665 |
| 220 | 151 | -.334 | .084 | -.020 | -.674 | 220 | 223 | -.407 | .056 | -.202 | -.688 | 220 | 273 | -.230 | .087 | -.037 | -.649 |
| 220 | 152 | -.426 | .124 | -.026 | -.991 | 220 | 224 | -.409 | .061 | -.181 | -.735 | 220 | 274 | -.211 | .078 | -.022 | -.556 |
| 220 | 153 | -.195 | .065 | -.030 | -.547 | 220 | 225 | -.450 | .081 | -.184 | -.904 | 220 | 275 | -.340 | .120 | .081 | -.893 |
| 220 | 154 | -.154 | .066 | .002 | -.549 | 220 | 226 | -.490 | .091 | -.279 | -.884 | 220 | 276 | -.299 | .112 | .046 | -.748 |
| 220 | 155 | -.138 | .055 | .095 | -.456 | 220 | 227 | -.532 | .114 | -.291 | -1.107 | 220 | 277 | -.183 | .053 | .045 | -.399 |
| 220 | 156 | -.141 | .056 | .109 | -.418 | 220 | 228 | -.489 | .077 | -.278 | -.932 | 220 | 278 | -.178 | .050 | .053 | -.389 |
| 220 | 157 | -.476 | .089 | -.261 | -.889 | 220 | 229 | -.484 | .098 | -.239 | -.987 | 220 | 279 | -.133 | .049 | .098 | -.333 |
| 220 | 158 | -.474 | .096 | -.204 | -.959 | 220 | 230 | -.503 | .110 | -.220 | -1.053 | 220 | 280 | -.145 | .050 | -.000 | -.442 |
| 220 | 159 | -.490 | .095 | -.196 | -.876 | 220 | 231 | -.606 | .114 | -.225 | -1.168 | 220 | 301 | .298 | .122 | .640 | -.307 |
| 220 | 160 | -.465 | .072 | -.240 | -.755 | 220 | 232 | -.568 | .104 | -.233 | -.956 | 220 | 302 | .259 | .097 | .589 | -.139 |
| 220 | 161 | -.465 | .072 | -.225 | -.753 | 220 | 233 | -.574 | .101 | -.294 | -1.054 | 220 | 303 | .119 | .072 | .352 | -.121 |
| 220 | 162 | -.463 | .072 | -.225 | -.780 | 220 | 234 | -.586 | .104 | -.328 | -1.154 | 220 | 304 | .031 | .056 | .240 | -.162 |
| 220 | 163 | -.533 | .105 | -.245 | -.934 | 220 | 235 | -.538 | .105 | -.200 | -1.043 | 220 | 305 | -.086 | .046 | .092 | -.270 |
| 220 | 164 | -.591 | .123 | -.194 | -1.132 | 220 | 236 | -.440 | .080 | -.200 | -.805 | 220 | 306 | -.192 | .041 | -.052 | -.331 |
| 220 | 165 | -.224 | .103 | .193 | -.568 | 220 | 237 | -.354 | .085 | -.136 | -.770 | 220 | 307 | .414 | .132 | .765 | -.200 |
| 220 | 166 | -.306 | .101 | -.023 | -.734 | 220 | 238 | -.367 | .099 | -.114 | -.980 | 220 | 308 | .368 | .112 | .678 | -.090 |
| 220 | 167 | -.092 | .074 | .137 | -.462 | 220 | 239 | -.687 | .158 | -.303 | -1.321 | 220 | 309 | .220 | .083 | .508 | -.034 |
| 220 | 168 | -.162 | .110 | .047 | -.762 | 220 | 240 | -.653 | .148 | -.303 | -1.269 | 220 | 310 | .121 | .064 | .355 | -.220 |
| 220 | 169 | -.119 | .091 | .075 | -.750 | 220 | 241 | -.700 | .197 | -.253 | -1.736 | 220 | 311 | -.059 | .043 | .128 | -.294 |
| 220 | 170 | -.437 | .083 | -.198 | -.904 | 220 | 242 | -.631 | .164 | -.173 | -1.370 | 220 | 312 | -.175 | .033 | -.070 | -.293 |
| 220 | 171 | -.444 | .087 | -.220 | -.947 | 220 | 243 | -.305 | .094 | -.015 | -.774 | 220 | 313 | .495 | .148 | .915 | -.157 |
| 220 | 172 | -.428 | .086 | -.198 | -.908 | 220 | 244 | -.178 | .069 | .015 | -.515 | 220 | 314 | .480 | .130 | .901 | -.175 |
| 220 | 173 | -.386 | .081 | -.103 | -.717 | 220 | 245 | -.127 | .062 | .110 | -.457 | 220 | 315 | .341 | .093 | .684 | .055 |
| 220 | 174 | -.383 | .075 | -.174 | -.755 | 220 | 246 | -.149 | .075 | .052 | -.570 | 220 | 316 | .171 | .065 | .448 | -.037 |
| 220 | 175 | -.319 | .095 | -.034 | -.718 | 220 | 247 | -.176 | .073 | .032 | -.577 | 220 | 317 | -.063 | .040 | .110 | -.226 |
| 220 | 176 | -.356 | .090 | -.094 | -.794 | 220 | 248 | -.108 | .065 | .133 | -.435 | 220 | 318 | -.228 | .036 | -.105 | -.385 |
| 220 | 177 | -.202 | .094 | .068 | -.617 | 220 | 249 | -.091 | .069 | .199 | -.492 | 220 | 319 | .362 | .164 | .814 | -.385 |
| 220 | 178 | -.327 | .111 | -.031 | -.763 | 220 | 250 | -.673 | .116 | -.355 | -1.223 | 220 | 320 | .363 | .140 | .769 | -.467 |
| 220 | 201 | -.319 | .046 | -.164 | -.463 | 220 | 251 | -.682 | .129 | -.341 | -1.166 | 220 | 321 | .252 | .091 | .554 | .020 |
| 220 | 202 | -.318 | .045 | -.155 | -.457 | 220 | 252 | -.634 | .109 | -.338 | -1.049 | 220 | 322 | .106 | .062 | .361 | -.048 |
| 220 | 203 | -.331 | .054 | -.146 | -.592 | 220 | 253 | -.586 | .087 | -.313 | -.911 | 220 | 323 | -.107 | .040 | .051 | -.253 |
| 220 | 204 | -.304 | .058 | -.078 | -.539 | 220 | 254 | -.610 | .091 | -.318 | -.919 | 220 | 324 | -.253 | .043 | -.117 | -.419 |
| 220 | 205 | -.284 | .060 | -.066 | -.599 | 220 | 255 | -.671 | .130 | -.372 | -1.284 | 220 | 325 | .298 | .176 | .716 | -.299 |
| 220 | 206 | -.290 | .064 | -.075 | -.754 | 220 | 256 | -.649 | .116 | -.343 | -1.149 | 220 | 326 | .319 | .133 | .637 | -.216 |
| 220 | 207 | -.308 | .045 | -.156 | -.476 | 220 | 257 | -.614 | .092 | -.344 | -.949 | 220 | 327 | .259 | .160 | .723 | -.263 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 220 | 328 | .271 | .143 | .667 | -.347 | 220 | 379 | -.556 | .117 | -.228 | -1.011 | 220 | 521 | .173 | .074 | .399 | -.085 |
| 220 | 329 | .250 | .154 | .677 | -.294 | 220 | 380 | -.339 | .128 | .068 | -.882 | 220 | 522 | .343 | .103 | .679 | .033 |
| 220 | 330 | .294 | .117 | .627 | -.138 | 220 | 381 | -.157 | .099 | .082 | -.786 | 220 | 523 | .475 | .131 | .871 | -.025 |
| 220 | 331 | .245 | .097 | .645 | -.086 | 220 | 382 | -.407 | .115 | .082 | -.958 | 220 | 524 | .492 | .144 | .885 | -.126 |
| 220 | 332 | .093 | .079 | .434 | -.157 | 220 | 383 | -.254 | .124 | .082 | -.780 | 220 | 525 | .438 | .135 | .874 | .072 |
| 220 | 333 | -.536 | .089 | -.284 | -.900 | 220 | 384 | -.155 | .040 | .003 | -.321 | 220 | 526 | .450 | .148 | .919 | -.020 |
| 220 | 334 | -.464 | .078 | -.239 | -.722 | 220 | 385 | -.183 | .045 | .051 | -.373 | 220 | 527 | .416 | .134 | .854 | .028 |
| 220 | 336 | -.695 | .128 | -.362 | -1.213 | 220 | 386 | -.326 | .064 | .021 | -.589 | 220 | 528 | .428 | .144 | .882 | -.060 |
| 220 | 337 | -.586 | .102 | -.309 | -.948 | 220 | 387 | -.431 | .082 | -.066 | -.745 | 220 | 529 | -.368 | .059 | -.167 | -.608 |
| 220 | 338 | -.593 | .095 | -.321 | -.959 | 220 | 388 | -.335 | .130 | .119 | -.957 | 220 | 530 | -.358 | .069 | -.144 | -.628 |
| 220 | 339 | -.597 | .108 | -.103 | -.966 | 220 | 389 | -.186 | .107 | .134 | -.781 | 220 | 531 | -.268 | .055 | -.091 | -.490 |
| 220 | 340 | -.630 | .095 | -.312 | -.979 | 220 | 390 | -.070 | .055 | .213 | -.325 | 220 | 532 | .161 | .079 | .466 | -.138 |
| 220 | 341 | -.630 | .091 | -.339 | -.970 | 220 | 391 | -.200 | .061 | .061 | -.474 | 220 | 533 | .336 | .113 | .673 | -.012 |
| 220 | 342 | -.581 | .089 | -.157 | -.915 | 220 | 392 | -.333 | .077 | -.011 | -.621 | 220 | 534 | .416 | .132 | .850 | .008 |
| 220 | 343 | -.405 | .114 | .012 | -.969 | 220 | 393 | -.444 | .101 | -.037 | -.843 | 220 | 535 | .441 | .140 | .889 | -.010 |
| 220 | 344 | -.219 | .145 | .370 | -.747 | 220 | 394 | -.120 | .085 | .152 | -.556 | 220 | 536 | -.396 | .072 | -.190 | -.647 |
| 220 | 345 | -.342 | .120 | .113 | -.735 | 220 | 395 | -.074 | .084 | .167 | -.493 | 220 | 537 | -.466 | .091 | -.217 | -.787 |
| 220 | 346 | -.168 | .125 | .331 | -.625 | 220 | 396 | .029 | .075 | .392 | -.263 | 220 | 538 | -.474 | .076 | -.216 | -.700 |
| 220 | 347 | .109 | .140 | .594 | -.719 | 220 | 397 | -.382 | .118 | -.054 | -.936 | 220 | 539 | -.462 | .075 | -.264 | -.880 |
| 220 | 348 | .199 | .108 | .549 | -.264 | 220 | 398 | -.303 | .088 | -.039 | -.742 | 220 | 540 | -.425 | .091 | -.003 | -.790 |
| 220 | 349 | .052 | .141 | .449 | -.865 | 220 | 399 | -.175 | .056 | .019 | -.450 | 220 | 541 | -.456 | .083 | -.181 | -.809 |
| 220 | 350 | -.105 | .112 | .189 | -.648 | 220 | 400 | -.132 | .057 | .066 | -.397 | 220 | 542 | -.492 | .083 | -.247 | -.843 |
| 220 | 351 | -.357 | .119 | -.062 | -.901 | 220 | 401 | -.158 | .065 | .141 | -.720 | 220 | 543 | -.169 | .150 | .240 | -.659 |
| 220 | 352 | -.496 | .116 | -.197 | -.985 | 220 | 402 | -.231 | .071 | .035 | -.665 | 220 | 544 | -.297 | .120 | .101 | -.836 |
| 220 | 353 | .070 | .146 | .487 | -.552 | 220 | 403 | -.299 | .089 | -.047 | -.773 | 220 | 545 | -.036 | .096 | .397 | -.503 |
| 220 | 354 | .162 | .095 | .472 | -.354 | 220 | 404 | -.285 | .089 | -.045 | -.717 | 220 | 546 | -.135 | .096 | .168 | -.548 |
| 220 | 355 | -.110 | .139 | .282 | -.609 | 220 | 405 | -.137 | .052 | .072 | -.347 | 220 | 547 | .016 | .081 | .370 | -.318 |
| 220 | 356 | -.003 | .114 | .302 | -.525 | 220 | 406 | -.108 | .050 | .292 | -.341 | 220 | 548 | -.030 | .073 | .304 | -.427 |
| 220 | 357 | -.001 | .058 | .287 | -.179 | 220 | 407 | -.119 | .062 | .209 | -.314 | 220 | 549 | -.211 | .086 | .065 | -.539 |
| 220 | 358 | -.092 | .055 | .234 | -.294 | 220 | 408 | -.173 | .083 | .215 | -.462 | 220 | 550 | -.073 | .100 | .254 | -.499 |
| 220 | 359 | -.294 | .060 | -.056 | -.521 | 220 | 501 | -.142 | .037 | .003 | -.292 | 220 | 551 | .144 | .110 | .492 | -.274 |
| 220 | 360 | -.430 | .073 | -.210 | -.713 | 220 | 502 | -.063 | .059 | .193 | -.253 | 220 | 552 | .310 | .116 | .687 | -.202 |
| 220 | 361 | -.164 | .123 | .212 | -.787 | 220 | 503 | -.001 | .062 | .230 | -.226 | 220 | 553 | .398 | .129 | .789 | .007 |
| 220 | 362 | -.062 | .110 | .239 | -.580 | 220 | 504 | .078 | .076 | .366 | -.177 | 220 | 554 | .406 | .139 | .830 | .033 |
| 220 | 363 | .002 | .067 | .292 | -.173 | 220 | 505 | .272 | .102 | .673 | -.107 | 220 | 555 | .383 | .134 | .794 | .022 |
| 220 | 364 | -.077 | .068 | .187 | -.251 | 220 | 506 | .328 | .144 | .714 | -.351 | 220 | 556 | .386 | .146 | .856 | .011 |
| 220 | 365 | -.538 | .101 | -.226 | -.963 | 220 | 507 | -.094 | .038 | .043 | -.223 | 220 | 557 | -.216 | .049 | -.068 | -.388 |
| 220 | 366 | -.536 | .088 | -.191 | -.841 | 220 | 508 | -.052 | .049 | .131 | -.226 | 220 | 558 | -.113 | .045 | .047 | -.242 |
| 220 | 367 | -.557 | .089 | -.217 | -.909 | 220 | 509 | .108 | .070 | .340 | -.105 | 220 | 559 | .089 | .062 | .344 | -.075 |
| 220 | 368 | -.677 | .121 | -.276 | -1.158 | 220 | 510 | .225 | .088 | .525 | -.023 | 220 | 560 | .241 | .088 | .597 | .033 |
| 220 | 369 | -.640 | .106 | -.263 | -1.063 | 220 | 511 | .404 | .120 | .764 | -.073 | 220 | 561 | .332 | .119 | .837 | .074 |
| 220 | 370 | -.639 | .109 | -.309 | -1.199 | 220 | 512 | .446 | .176 | .856 | -.347 | 220 | 562 | .323 | .132 | .899 | .016 |
| 220 | 371 | -.660 | .140 | -.001 | -1.346 | 220 | 513 | -.152 | .033 | -.008 | -.253 | 220 | 563 | -.372 | .066 | -.177 | -.637 |
| 220 | 372 | -.630 | .143 | -.042 | -1.270 | 220 | 514 | -.039 | .041 | .134 | -.168 | 220 | 564 | -.327 | .063 | -.127 | -.584 |
| 220 | 373 | -.388 | .208 | .230 | -.920 | 220 | 515 | .204 | .071 | .414 | -.021 | 220 | 565 | -.234 | .055 | -.059 | -.432 |
| 220 | 374 | -.292 | .142 | .068 | -.898 | 220 | 516 | .377 | .098 | .661 | .077 | 220 | 566 | .098 | .068 | .394 | -.092 |
| 220 | 375 | -.079 | .056 | .109 | -.616 | 220 | 517 | .515 | .133 | .897 | .092 | 220 | 567 | .241 | .095 | .619 | .021 |
| 220 | 376 | -.179 | .077 | .032 | -.538 | 220 | 518 | .538 | .155 | 1.012 | -.042 | 220 | 568 | .259 | .103 | .668 | .029 |
| 220 | 377 | -.279 | .090 | -.015 | -.663 | 220 | 519 | -.197 | .040 | -.053 | -.349 | 220 | 569 | .206 | .118 | .711 | -.071 |
| 220 | 378 | -.434 | .100 | -.179 | -.841 | 220 | 520 | -.095 | .048 | .130 | -.241 | 220 | 570 | -.411 | .069 | -.231 | -.710 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 220 | 571 | -.413 | .081 | -.200 | -.816 | 220 | 721 | .001 | .163 | .504 | -.779 | 220 | 935 | -.375 | .103 | -.044 | -.750 |
| 220 | 572 | -.395 | .106 | .116 | -.780 | 220 | 722 | .002 | .150 | .606 | -.537 | 220 | 936 | -.547 | .087 | -.159 | -.875 |
| 220 | 573 | -.406 | .082 | -.149 | -.795 | 220 | 723 | -.096 | .127 | .334 | -.601 | 220 | 937 | -.184 | .067 | .014 | -.439 |
| 220 | 574 | -.375 | .081 | -.191 | -.640 | 220 | 724 | -.089 | .131 | .551 | -.546 | 220 | 938 | -.327 | .079 | -.071 | -.610 |
| 220 | 575 | -.359 | .101 | -.095 | -.835 | 220 | 725 | -.282 | .044 | -.147 | -.439 | 220 | 939 | -.515 | .077 | -.223 | -.788 |
| 220 | 576 | -.163 | .113 | .249 | -.599 | 220 | 726 | -.304 | .044 | -.166 | -.446 | 220 | 940 | -.072 | .061 | .128 | -.334 |
| 220 | 577 | -.221 | .079 | -.025 | -.594 | 220 | 727 | -.434 | .086 | -.169 | -.819 | 220 | 941 | -.313 | .082 | -.072 | -.670 |
| 220 | 578 | -.119 | .077 | .093 | -.450 | 220 | 728 | -.611 | .100 | -.252 | -1.081 | 220 | 942 | -.454 | .074 | -.193 | -.760 |
| 220 | 579 | .080 | .081 | .405 | -.271 | 220 | 729 | -.405 | .109 | -.086 | -.954 | 240 | 101 | -.393 | .098 | -.119 | -1.077 |
| 220 | 580 | .210 | .079 | .518 | -.037 | 220 | 730 | -.724 | .121 | -.344 | -1.237 | 240 | 102 | -.365 | .085 | -.108 | -.855 |
| 220 | 581 | .262 | .105 | .704 | -.008 | 220 | 731 | -.567 | .094 | -.283 | -1.025 | 240 | 103 | -.365 | .063 | -.105 | -.775 |
| 220 | 582 | .265 | .118 | .806 | -.065 | 220 | 732 | -.395 | .148 | .104 | -.942 | 240 | 104 | -.350 | .057 | -.169 | -.620 |
| 220 | 583 | .270 | .105 | .723 | -.024 | 220 | 733 | -.700 | .129 | -.329 | -1.223 | 240 | 105 | -.347 | .052 | -.156 | -.543 |
| 220 | 584 | .260 | .122 | .831 | -.080 | 220 | 734 | -.666 | .137 | -.178 | -1.327 | 240 | 106 | -.341 | .052 | -.188 | -.534 |
| 220 | 585 | -.180 | .045 | -.044 | -.354 | 220 | 735 | -.343 | .117 | -.003 | -.842 | 240 | 107 | -.411 | .097 | -.038 | -1.025 |
| 220 | 586 | -.108 | .039 | .043 | -.268 | 220 | 736 | -.377 | .127 | .009 | -1.138 | 240 | 108 | -.390 | .082 | -.054 | -.902 |
| 220 | 587 | .017 | .047 | .216 | -.126 | 220 | 901 | -.334 | .122 | .178 | -.827 | 240 | 109 | -.349 | .057 | -.129 | -.723 |
| 220 | 588 | .161 | .078 | .550 | -.037 | 220 | 902 | -.351 | .123 | .081 | -.760 | 240 | 110 | -.333 | .051 | -.183 | -.529 |
| 220 | 589 | .215 | .098 | .585 | -.071 | 220 | 903 | -.187 | .056 | .084 | -.414 | 240 | 111 | -.327 | .050 | -.155 | -.537 |
| 220 | 590 | .190 | .103 | .558 | -.142 | 220 | 904 | -.244 | .087 | .239 | -.601 | 240 | 112 | -.320 | .050 | -.145 | -.532 |
| 220 | 591 | -.154 | .054 | .071 | -.354 | 220 | 905 | -.335 | .097 | .188 | -.645 | 240 | 113 | -.396 | .068 | -.200 | -.679 |
| 220 | 592 | -.103 | .046 | .060 | -.264 | 220 | 906 | -.170 | .124 | .444 | -.584 | 240 | 114 | -.388 | .064 | -.207 | -.662 |
| 220 | 593 | -.080 | .044 | .123 | -.253 | 220 | 907 | -.231 | .081 | .213 | -.560 | 240 | 115 | -.346 | .046 | -.202 | -.502 |
| 220 | 594 | .123 | .067 | .425 | -.044 | 220 | 908 | -.371 | .081 | -.154 | -.704 | 240 | 116 | -.308 | .044 | -.171 | -.450 |
| 220 | 595 | .124 | .084 | .453 | -.079 | 220 | 909 | -.188 | .073 | .029 | -.594 | 240 | 117 | -.312 | .044 | -.176 | -.451 |
| 220 | 596 | .078 | .081 | .448 | -.116 | 220 | 910 | -.192 | .068 | .161 | -.465 | 240 | 118 | -.308 | .044 | -.167 | -.502 |
| 220 | 597 | .125 | .116 | .764 | -.186 | 220 | 911 | .131 | .077 | .441 | -.101 | 240 | 119 | -.417 | .067 | -.252 | -.905 |
| 220 | 598 | .069 | .095 | .449 | -.265 | 220 | 912 | .115 | .081 | .429 | -.130 | 240 | 120 | -.414 | .065 | -.237 | -.912 |
| 220 | 599 | .076 | .080 | .604 | -.176 | 220 | 913 | .199 | .095 | .556 | -.094 | 240 | 121 | -.386 | .052 | -.244 | -.659 |
| 220 | 600 | -.029 | .073 | .263 | -.237 | 220 | 914 | -.020 | .094 | .313 | -.361 | 240 | 122 | -.351 | .047 | -.212 | -.516 |
| 220 | 701 | -.144 | .046 | .025 | -.348 | 220 | 915 | -.018 | .082 | .270 | -.298 | 240 | 123 | -.367 | .051 | -.213 | -.598 |
| 220 | 702 | -.318 | .095 | -.084 | -1.045 | 220 | 916 | .015 | .076 | .310 | -.244 | 240 | 124 | -.374 | .055 | -.207 | -.650 |
| 220 | 703 | -.404 | .071 | -.156 | -.768 | 220 | 917 | .014 | .066 | .239 | -.180 | 240 | 125 | -.463 | .094 | -.176 | -1.074 |
| 220 | 704 | -.517 | .117 | -.225 | -1.054 | 220 | 918 | -.012 | .078 | .293 | -.223 | 240 | 126 | -.476 | .091 | -.222 | -1.030 |
| 220 | 705 | -.382 | .111 | -.144 | -1.237 | 220 | 919 | -.010 | .076 | .304 | -.218 | 240 | 127 | -.445 | .073 | -.239 | -.773 |
| 220 | 706 | -.100 | .064 | .131 | -.527 | 220 | 920 | .228 | .087 | .531 | -.011 | 240 | 128 | -.405 | .061 | -.195 | -.681 |
| 220 | 707 | -.297 | .047 | -.116 | -.465 | 220 | 921 | .181 | .088 | .543 | -.050 | 240 | 129 | -.372 | .055 | -.183 | -.606 |
| 220 | 708 | -.320 | .043 | -.187 | -.491 | 220 | 922 | .299 | .108 | .712 | -.051 | 240 | 130 | -.388 | .055 | -.195 | -.625 |
| 220 | 709 | -.395 | .052 | -.257 | -.583 | 220 | 923 | .259 | .101 | .551 | -.126 | 240 | 131 | -.519 | .116 | -.256 | -1.001 |
| 220 | 710 | -.430 | .077 | -.199 | -.725 | 220 | 924 | .259 | .098 | .560 | -.120 | 240 | 132 | -.520 | .111 | -.268 | -1.035 |
| 220 | 711 | -.534 | .167 | -.004 | -1.154 | 220 | 925 | .286 | .105 | .583 | -.091 | 240 | 133 | -.386 | .070 | -.176 | -.633 |
| 220 | 712 | -.484 | .096 | -.201 | -.891 | 220 | 926 | .209 | .097 | .535 | -.096 | 240 | 134 | -.386 | .073 | -.158 | -.743 |
| 220 | 713 | -.529 | .121 | -.239 | -1.052 | 220 | 927 | .138 | .082 | .404 | -.111 | 240 | 135 | -.346 | .068 | -.159 | -.860 |
| 220 | 714 | -.077 | .082 | .177 | -.454 | 220 | 928 | .156 | .083 | .446 | -.086 | 240 | 136 | -.365 | .060 | -.151 | -.623 |
| 220 | 715 | -.477 | .100 | -.227 | -.910 | 220 | 929 | -.475 | .077 | -.165 | -.747 | 240 | 137 | -.457 | .074 | -.210 | -.883 |
| 220 | 716 | -.340 | .109 | -.036 | -.918 | 220 | 930 | -.553 | .086 | -.278 | -.927 | 240 | 138 | -.474 | .078 | -.244 | -.849 |
| 220 | 717 | .531 | .117 | .834 | .114 | 220 | 931 | -.545 | .080 | -.300 | -.920 | 240 | 139 | -.487 | .113 | -.164 | -.885 |
| 220 | 718 | .540 | .140 | .969 | .015 | 220 | 932 | -.495 | .087 | -.156 | -.858 | 240 | 140 | -.678 | .163 | -.256 | -1.291 |
| 220 | 719 | .333 | .174 | .862 | -.395 | 220 | 933 | -.524 | .080 | -.215 | -.875 | 240 | 141 | -.204 | .074 | .009 | -.490 |
| 220 | 720 | .322 | .144 | .834 | -.491 | 220 | 934 | -.387 | .103 | .031 | -.715 | 240 | 142 | -.188 | .062 | .001 | -.424 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 240 | 143 | -.206 | .046 | -.058 | -.404 | 240 | 215 | -.313 | .039 | -.165 | -.443 | 240 | 265 | -.568 | .099 | -.276 | -.977 |
| 240 | 144 | -.209 | .048 | -.050 | -.394 | 240 | 216 | -.307 | .042 | -.147 | -.456 | 240 | 266 | -.578 | .097 | -.305 | -.999 |
| 240 | 145 | -.422 | .112 | -.119 | -.957 | 240 | 217 | -.307 | .049 | -.130 | -.490 | 240 | 267 | -.517 | .103 | -.269 | -1.000 |
| 240 | 146 | -.530 | .132 | -.176 | -1.076 | 240 | 218 | -.321 | .053 | -.151 | -.497 | 240 | 268 | -.512 | .096 | -.268 | -.865 |
| 240 | 147 | -.190 | .074 | .034 | -.595 | 240 | 219 | -.329 | .037 | -.175 | -.456 | 240 | 269 | -.623 | .180 | -.256 | -1.492 |
| 240 | 148 | -.162 | .060 | .033 | -.421 | 240 | 220 | -.316 | .039 | -.193 | -.467 | 240 | 270 | -.613 | .187 | -.260 | -1.545 |
| 240 | 149 | -.164 | .044 | .028 | -.326 | 240 | 221 | -.328 | .036 | -.215 | -.444 | 240 | 271 | -.430 | .098 | -.178 | -.924 |
| 240 | 150 | -.162 | .048 | .014 | -.339 | 240 | 222 | -.339 | .040 | -.181 | -.488 | 240 | 272 | -.330 | .069 | -.128 | -.650 |
| 240 | 151 | -.280 | .081 | -.074 | -.593 | 240 | 223 | -.363 | .047 | -.192 | -.566 | 240 | 273 | -.283 | .067 | -.062 | -.606 |
| 240 | 152 | -.388 | .122 | -.064 | -.957 | 240 | 224 | -.373 | .053 | -.191 | -.595 | 240 | 274 | -.284 | .067 | -.078 | -.583 |
| 240 | 153 | -.347 | .092 | -.106 | -.881 | 240 | 225 | -.348 | .051 | -.188 | -.555 | 240 | 275 | -.526 | .165 | -.135 | -1.454 |
| 240 | 154 | -.281 | .092 | -.044 | -.676 | 240 | 226 | -.352 | .050 | -.188 | -.605 | 240 | 276 | -.543 | .176 | -.208 | -1.271 |
| 240 | 155 | -.303 | .125 | .020 | -.888 | 240 | 227 | -.367 | .050 | -.249 | -.601 | 240 | 277 | -.269 | .066 | -.079 | -.655 |
| 240 | 156 | -.266 | .102 | .027 | -.801 | 240 | 228 | -.375 | .049 | -.245 | -.620 | 240 | 278 | -.247 | .053 | -.051 | -.477 |
| 240 | 157 | -.491 | .123 | -.052 | -.936 | 240 | 229 | -.412 | .063 | -.254 | -.737 | 240 | 279 | -.166 | .062 | .111 | -.470 |
| 240 | 158 | -.534 | .129 | -.138 | -1.020 | 240 | 230 | -.430 | .070 | -.198 | -.775 | 240 | 280 | -.196 | .069 | .036 | -.481 |
| 240 | 159 | -.530 | .139 | -.121 | -.994 | 240 | 231 | -.459 | .077 | -.242 | -.832 | 240 | 301 | -.490 | .137 | .176 | -1.044 |
| 240 | 160 | -.300 | .086 | .038 | -.586 | 240 | 232 | -.430 | .074 | -.195 | -.775 | 240 | 302 | -.390 | .164 | .175 | -.866 |
| 240 | 161 | -.393 | .098 | -.137 | -.756 | 240 | 233 | -.496 | .086 | -.234 | -.944 | 240 | 303 | -.078 | .049 | .094 | -.307 |
| 240 | 162 | -.349 | .107 | -.003 | -.775 | 240 | 234 | -.486 | .081 | -.281 | -.839 | 240 | 304 | -.120 | .037 | .014 | -.273 |
| 240 | 163 | -.379 | .131 | -.018 | -.939 | 240 | 235 | -.465 | .079 | -.232 | -.746 | 240 | 305 | -.169 | .033 | -.044 | -.318 |
| 240 | 164 | -.382 | .159 | -.045 | -1.081 | 240 | 236 | -.410 | .064 | -.225 | -.647 | 240 | 306 | -.220 | .034 | -.100 | -.374 |
| 240 | 165 | -.147 | .113 | .291 | -.524 | 240 | 237 | -.401 | .084 | -.142 | -.923 | 240 | 307 | -.425 | .171 | .408 | -1.048 |
| 240 | 166 | -.279 | .119 | .145 | -.824 | 240 | 238 | -.394 | .079 | -.186 | -.819 | 240 | 308 | -.404 | .200 | .372 | -1.168 |
| 240 | 167 | -.023 | .060 | .206 | -.264 | 240 | 239 | -.499 | .091 | -.259 | -.904 | 240 | 309 | -.062 | .052 | .233 | -.297 |
| 240 | 168 | -.058 | .064 | .164 | -.407 | 240 | 240 | -.490 | .086 | -.252 | -.843 | 240 | 310 | -.082 | .045 | .091 | -.226 |
| 240 | 169 | -.031 | .063 | .251 | -.348 | 240 | 241 | -.477 | .088 | -.246 | -.860 | 240 | 311 | -.163 | .034 | -.032 | -.295 |
| 240 | 170 | -.280 | .104 | -.002 | -.630 | 240 | 242 | -.461 | .083 | -.232 | -.961 | 240 | 312 | -.172 | .035 | -.042 | -.293 |
| 240 | 171 | -.289 | .104 | -.018 | -.655 | 240 | 243 | -.420 | .078 | -.175 | -.778 | 240 | 313 | -.400 | .165 | .210 | -.938 |
| 240 | 172 | -.287 | .103 | -.005 | -.669 | 240 | 244 | -.328 | .077 | -.113 | -.701 | 240 | 314 | -.431 | .183 | .256 | -1.061 |
| 240 | 173 | -.207 | .126 | .202 | -.651 | 240 | 245 | -.229 | .111 | -.019 | -.947 | 240 | 315 | -.011 | .072 | .227 | -.502 |
| 240 | 174 | -.247 | .121 | .109 | -.787 | 240 | 246 | -.221 | .091 | .033 | -.824 | 240 | 316 | -.048 | .038 | .109 | -.176 |
| 240 | 175 | -.113 | .099 | .177 | -.571 | 240 | 247 | -.254 | .099 | -.030 | -.712 | 240 | 317 | -.185 | .029 | -.085 | -.285 |
| 240 | 176 | -.156 | .117 | .123 | -1.083 | 240 | 248 | -.222 | .106 | .015 | -1.053 | 240 | 318 | -.277 | .035 | -.162 | -.391 |
| 240 | 177 | .007 | .090 | .314 | -.439 | 240 | 249 | -.203 | .098 | .056 | -.816 | 240 | 319 | -.502 | .157 | .055 | -1.083 |
| 240 | 178 | -.113 | .121 | .218 | -.681 | 240 | 250 | -.460 | .122 | -.220 | -1.077 | 240 | 320 | -.532 | .173 | .108 | -1.174 |
| 240 | 201 | -.283 | .045 | -.138 | -.440 | 240 | 251 | -.485 | .131 | -.183 | -1.387 | 240 | 321 | -.095 | .092 | .136 | -.676 |
| 240 | 202 | -.280 | .044 | -.141 | -.431 | 240 | 252 | -.475 | .116 | -.169 | -1.165 | 240 | 322 | -.119 | .037 | .006 | -.288 |
| 240 | 203 | -.279 | .047 | -.079 | -.473 | 240 | 253 | -.405 | .078 | -.208 | -.771 | 240 | 323 | -.219 | .029 | -.121 | -.322 |
| 240 | 204 | -.267 | .062 | -.096 | -.809 | 240 | 254 | -.442 | .076 | -.232 | -.902 | 240 | 324 | -.295 | .035 | -.185 | -.426 |
| 240 | 205 | -.292 | .064 | -.090 | -.764 | 240 | 255 | -.470 | .081 | -.261 | -.763 | 240 | 325 | -.512 | .154 | .082 | -1.250 |
| 240 | 206 | -.311 | .073 | -.075 | -.691 | 240 | 256 | -.488 | .084 | -.248 | -.833 | 240 | 326 | -.458 | .162 | .271 | -1.110 |
| 240 | 207 | -.273 | .043 | -.146 | -.438 | 240 | 257 | -.481 | .078 | -.282 | -.811 | 240 | 327 | -.472 | .140 | -.029 | -1.042 |
| 240 | 208 | -.272 | .042 | -.142 | -.439 | 240 | 258 | -.516 | .095 | -.268 | -1.036 | 240 | 328 | -.498 | .155 | .032 | -1.061 |
| 240 | 209 | -.275 | .042 | -.142 | -.488 | 240 | 259 | -.493 | .084 | -.219 | -.819 | 240 | 329 | -.532 | .191 | .045 | -1.220 |
| 240 | 210 | -.271 | .050 | -.105 | -.635 | 240 | 260 | -.470 | .089 | -.194 | -.803 | 240 | 330 | -.370 | .189 | .185 | -.964 |
| 240 | 211 | -.289 | .062 | -.055 | -.751 | 240 | 261 | -.475 | .090 | -.182 | -.854 | 240 | 331 | -.111 | .094 | .179 | -.525 |
| 240 | 212 | -.300 | .066 | -.081 | -.762 | 240 | 262 | -.632 | .114 | -.337 | -1.043 | 240 | 332 | -.114 | .059 | .081 | -.418 |
| 240 | 213 | -.299 | .038 | -.171 | -.408 | 240 | 263 | -.613 | .114 | -.321 | -1.026 | 240 | 333 | -.421 | .081 | -.224 | -.819 |
| 240 | 214 | -.304 | .038 | -.164 | -.426 | 240 | 264 | -.595 | .108 | -.295 | -1.054 | 240 | 334 | -.336 | .059 | -.171 | -.594 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 240 | 336 | -.505 | .127 | -.219 | -1.223 | 240 | 386 | -.357 | .056 | -.163 | -.577 | 240 | 528 | .284 | .138 | .699 | -.135 |
| 240 | 337 | -.458 | .087 | -.251 | -.864 | 240 | 387 | -.437 | .071 | -.210 | -.776 | 240 | 529 | -.260 | .068 | .021 | -.473 |
| 240 | 338 | -.435 | .083 | -.212 | -.947 | 240 | 388 | -.355 | .128 | .196 | -.888 | 240 | 530 | -.209 | .085 | .118 | -.477 |
| 240 | 339 | -.471 | .102 | -.252 | -1.122 | 240 | 389 | -.241 | .110 | .183 | -.653 | 240 | 531 | -.084 | .078 | .185 | -.297 |
| 240 | 340 | -.503 | .085 | -.303 | -.923 | 240 | 390 | -.090 | .067 | .187 | -.313 | 240 | 532 | .329 | .099 | .691 | .076 |
| 240 | 341 | -.510 | .086 | -.315 | -.932 | 240 | 391 | -.214 | .050 | -.013 | -.441 | 240 | 533 | .486 | .129 | .915 | .123 |
| 240 | 342 | -.510 | .088 | -.302 | -1.000 | 240 | 392 | -.363 | .061 | -.122 | -.643 | 240 | 534 | .389 | .130 | .800 | .042 |
| 240 | 343 | -.458 | .085 | -.196 | -.778 | 240 | 393 | -.450 | .079 | -.183 | -.796 | 240 | 535 | .216 | .129 | .708 | -.253 |
| 240 | 344 | -.453 | .099 | -.094 | -.987 | 240 | 394 | -.125 | .080 | .211 | -.536 | 240 | 536 | -.298 | .077 | .004 | -.620 |
| 240 | 345 | -.480 | .090 | -.209 | -.829 | 240 | 395 | -.127 | .088 | .215 | -.431 | 240 | 537 | -.463 | .135 | .102 | -.943 |
| 240 | 346 | -.432 | .097 | -.013 | -.871 | 240 | 396 | -.011 | .098 | .482 | -.252 | 240 | 538 | -.244 | .172 | .296 | -.723 |
| 240 | 347 | -.511 | .204 | .032 | -1.234 | 240 | 397 | -.499 | .123 | -.155 | -1.095 | 240 | 539 | -.423 | .126 | .127 | -.863 |
| 240 | 348 | -.122 | .112 | .271 | -.684 | 240 | 398 | -.350 | .085 | -.081 | -.687 | 240 | 540 | -.399 | .110 | .224 | -.741 |
| 240 | 349 | -.250 | .141 | .052 | -.964 | 240 | 399 | -.232 | .052 | -.042 | -.424 | 240 | 541 | -.389 | .103 | .172 | -.735 |
| 240 | 350 | -.224 | .068 | -.003 | -.563 | 240 | 400 | -.212 | .046 | .039 | -.386 | 240 | 542 | -.392 | .108 | -.043 | -.742 |
| 240 | 351 | -.343 | .075 | -.145 | -.697 | 240 | 401 | -.257 | .062 | .001 | -.556 | 240 | 543 | -.063 | .150 | .462 | -.598 |
| 240 | 352 | -.415 | .094 | -.179 | -.814 | 240 | 402 | -.369 | .091 | .024 | -.775 | 240 | 544 | -.171 | .150 | .451 | -.724 |
| 240 | 353 | -.611 | .186 | -.001 | -1.351 | 240 | 403 | -.343 | .078 | -.108 | -.793 | 240 | 545 | -.023 | .080 | .346 | -.321 |
| 240 | 354 | -.381 | .226 | .149 | -1.086 | 240 | 404 | -.315 | .080 | -.022 | -.677 | 240 | 546 | -.030 | .078 | .296 | -.320 |
| 240 | 355 | -.526 | .109 | -.209 | -.994 | 240 | 405 | -.178 | .049 | .005 | -.346 | 240 | 547 | .041 | .083 | .366 | -.208 |
| 240 | 356 | -.484 | .127 | .033 | -.866 | 240 | 406 | -.171 | .042 | .007 | -.321 | 240 | 548 | .040 | .070 | .328 | -.182 |
| 240 | 357 | -.169 | .047 | -.023 | -.424 | 240 | 407 | -.254 | .055 | -.045 | -.489 | 240 | 549 | -.061 | .106 | .244 | -.646 |
| 240 | 358 | -.227 | .036 | -.117 | -.355 | 240 | 408 | -.361 | .092 | -.076 | -.736 | 240 | 550 | .109 | .123 | .455 | -.482 |
| 240 | 359 | -.328 | .044 | -.195 | -.541 | 240 | 501 | -.051 | .057 | .122 | -.302 | 240 | 551 | .336 | .138 | .732 | -.155 |
| 240 | 360 | -.365 | .053 | -.227 | -.629 | 240 | 502 | .119 | .086 | .384 | -.220 | 240 | 552 | .443 | .131 | .853 | -.192 |
| 240 | 361 | -.449 | .124 | -.055 | -.938 | 240 | 503 | .148 | .087 | .424 | -.234 | 240 | 553 | .412 | .131 | .791 | -.096 |
| 240 | 362 | -.338 | .130 | .015 | -.829 | 240 | 504 | .248 | .100 | .526 | -.129 | 240 | 554 | .359 | .140 | .822 | -.126 |
| 240 | 363 | -.166 | .048 | -.002 | -.473 | 240 | 505 | .399 | .122 | .774 | .008 | 240 | 555 | .405 | .138 | .947 | .005 |
| 240 | 364 | -.191 | .043 | -.041 | -.373 | 240 | 506 | .380 | .116 | .761 | .001 | 240 | 556 | .315 | .143 | .899 | -.129 |
| 240 | 365 | -.522 | .090 | -.267 | -.861 | 240 | 507 | .028 | .062 | .235 | -.193 | 240 | 557 | -.042 | .069 | .244 | -.228 |
| 240 | 366 | -.496 | .082 | -.300 | -.817 | 240 | 508 | .150 | .088 | .417 | -.181 | 240 | 558 | .069 | .079 | .403 | -.128 |
| 240 | 367 | -.491 | .080 | -.264 | -.802 | 240 | 509 | .295 | .102 | .614 | -.027 | 240 | 559 | .236 | .097 | .605 | .026 |
| 240 | 368 | -.586 | .110 | -.334 | -1.108 | 240 | 510 | .407 | .116 | .711 | .078 | 240 | 560 | .335 | .115 | .722 | .045 |
| 240 | 369 | -.554 | .096 | -.311 | -.912 | 240 | 511 | .521 | .126 | .860 | .104 | 240 | 561 | .329 | .130 | .794 | -.101 |
| 240 | 370 | -.543 | .101 | -.271 | -1.023 | 240 | 512 | .450 | .126 | .821 | .016 | 240 | 562 | .240 | .139 | .725 | -.211 |
| 240 | 371 | -.570 | .109 | -.117 | -1.174 | 240 | 513 | -.025 | .052 | .148 | -.191 | 240 | 563 | -.204 | .090 | .043 | -.538 |
| 240 | 372 | -.557 | .110 | -.280 | -1.125 | 240 | 514 | .159 | .072 | .414 | -.055 | 240 | 564 | -.162 | .087 | .115 | -.453 |
| 240 | 373 | -.522 | .105 | -.146 | -.998 | 240 | 515 | .436 | .112 | .819 | .127 | 240 | 565 | -.051 | .089 | .241 | -.399 |
| 240 | 374 | -.431 | .144 | -.021 | -1.064 | 240 | 516 | .581 | .130 | .913 | .244 | 240 | 566 | .255 | .104 | .669 | .021 |
| 240 | 375 | -.155 | .080 | .078 | -.719 | 240 | 517 | .566 | .130 | .931 | .182 | 240 | 567 | .348 | .117 | .856 | .045 |
| 240 | 376 | -.257 | .089 | -.027 | -.684 | 240 | 518 | .372 | .132 | .823 | -.072 | 240 | 568 | .273 | .125 | .725 | -.036 |
| 240 | 377 | -.265 | .055 | -.067 | -.498 | 240 | 519 | -.061 | .054 | .141 | -.242 | 240 | 569 | .139 | .138 | .570 | -.216 |
| 240 | 378 | -.365 | .064 | -.147 | -.662 | 240 | 520 | .107 | .077 | .384 | -.093 | 240 | 570 | -.252 | .092 | -.027 | -.594 |
| 240 | 379 | -.484 | .081 | -.247 | -.793 | 240 | 521 | .387 | .111 | .720 | .074 | 240 | 571 | -.266 | .098 | .040 | -.629 |
| 240 | 380 | -.450 | .121 | -.054 | -.956 | 240 | 522 | .527 | .133 | .918 | .166 | 240 | 572 | -.114 | .176 | .361 | -.690 |
| 240 | 381 | -.289 | .113 | .037 | -.750 | 240 | 523 | .485 | .135 | .880 | .078 | 240 | 573 | -.214 | .143 | .287 | -.746 |
| 240 | 382 | -.452 | .106 | .010 | -.852 | 240 | 524 | .305 | .143 | .746 | -.159 | 240 | 574 | -.113 | .083 | .102 | -.364 |
| 240 | 383 | -.325 | .129 | .050 | -.810 | 240 | 525 | .460 | .138 | .870 | .079 | 240 | 575 | -.125 | .119 | .192 | -.638 |
| 240 | 384 | -.198 | .041 | -.020 | -.362 | 240 | 526 | .278 | .146 | .696 | -.187 | 240 | 576 | .048 | .105 | .576 | -.420 |
| 240 | 385 | -.248 | .042 | -.093 | -.451 | 240 | 527 | .438 | .139 | .928 | .076 | 240 | 577 | -.218 | .102 | .091 | -.637 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 240 | 578 | -.164 | 112 | .122 | -.539 | 240 | 728 | -.492 | .084 | -.256 | -.894 | 240 | 942 | -.365 | .072 | -.091 | -.660 |
| 240 | 579 | -.015 | 149 | .362 | -.562 | 240 | 729 | -.443 | .082 | -.174 | -.807 | 260 | 101 | -.416 | .152 | .056 | -1.170 |
| 240 | 580 | .214 | 141 | .658 | -.588 | 240 | 730 | -.452 | .115 | -.187 | -1.062 | 260 | 102 | -.390 | .137 | .130 | -1.101 |
| 240 | 581 | .293 | 140 | .838 | -.194 | 240 | 731 | -.456 | .079 | -.263 | -.783 | 260 | 103 | -.430 | .138 | -.004 | -1.099 |
| 240 | 582 | .274 | 144 | .829 | -.204 | 240 | 732 | -.526 | .101 | -.240 | -.956 | 260 | 104 | -.428 | .111 | -.166 | -1.127 |
| 240 | 583 | .283 | 140 | .858 | -.233 | 240 | 733 | -.602 | .100 | -.308 | -1.004 | 260 | 105 | -.404 | .086 | -.176 | -.860 |
| 240 | 584 | .239 | 134 | .672 | -.330 | 240 | 734 | -.571 | .104 | -.314 | -.943 | 260 | 106 | -.405 | .084 | -.170 | -1.080 |
| 240 | 585 | -.063 | 058 | .130 | -.272 | 240 | 735 | -.395 | .117 | .045 | -.864 | 260 | 107 | -.437 | .158 | .129 | -1.276 |
| 240 | 586 | -.033 | 046 | .162 | -.199 | 240 | 736 | -.632 | .174 | -.249 | -1.518 | 260 | 108 | -.408 | .131 | .118 | -1.066 |
| 240 | 587 | .020 | 037 | .159 | -.107 | 240 | 901 | -.290 | .120 | .151 | -.929 | 260 | 109 | -.413 | .126 | -.030 | -1.261 |
| 240 | 588 | .108 | 092 | .474 | -.104 | 240 | 902 | -.317 | .116 | .006 | -1.021 | 260 | 110 | -.413 | .107 | -.088 | -1.277 |
| 240 | 589 | .155 | 121 | .589 | -.257 | 240 | 903 | -.246 | .052 | -.093 | -.741 | 260 | 111 | -.385 | .078 | -.178 | -1.149 |
| 240 | 590 | .115 | 129 | .574 | -.321 | 240 | 904 | -.336 | .069 | -.151 | -.703 | 260 | 112 | -.373 | .077 | -.166 | -1.187 |
| 240 | 591 | -.014 | 083 | .265 | -.356 | 240 | 905 | -.448 | .077 | -.218 | -.782 | 260 | 113 | -.470 | .178 | -.026 | -1.492 |
| 240 | 592 | .037 | 075 | .368 | -.164 | 240 | 906 | -.282 | .082 | .046 | -.581 | 260 | 114 | -.452 | .155 | -.020 | -1.206 |
| 240 | 593 | .001 | 057 | .270 | -.182 | 240 | 907 | -.332 | .059 | -.125 | -.544 | 260 | 115 | -.403 | .125 | .095 | -1.569 |
| 240 | 594 | .095 | 072 | .420 | -.218 | 240 | 908 | -.432 | .079 | -.241 | -.910 | 260 | 116 | -.363 | .104 | -.050 | -.938 |
| 240 | 595 | .037 | 085 | .476 | -.185 | 240 | 909 | -.362 | .094 | -.096 | -.868 | 260 | 117 | -.353 | .088 | -.149 | -.752 |
| 240 | 596 | -.016 | 068 | .268 | -.215 | 240 | 910 | -.375 | .096 | -.136 | -.859 | 260 | 118 | -.330 | .077 | -.119 | -.985 |
| 240 | 597 | .073 | 135 | .640 | -.321 | 240 | 911 | .284 | .114 | .769 | .021 | 260 | 119 | -.495 | .183 | -.016 | -1.571 |
| 240 | 598 | .012 | 118 | .409 | -.320 | 240 | 912 | .290 | .118 | .742 | .009 | 260 | 120 | -.480 | .162 | .033 | -1.345 |
| 240 | 599 | .011 | 095 | .540 | -.261 | 240 | 913 | .350 | .128 | .833 | .039 | 260 | 121 | -.434 | .133 | .051 | -1.291 |
| 240 | 600 | -.080 | 080 | .362 | -.286 | 240 | 914 | -.027 | .114 | .368 | -.395 | 260 | 122 | -.406 | .119 | -.111 | -1.148 |
| 240 | 701 | -.313 | 123 | -.071 | -.995 | 240 | 915 | -.023 | .096 | .359 | -.278 | 260 | 123 | -.402 | .109 | -.107 | -1.232 |
| 240 | 702 | -.404 | 114 | -.040 | -1.028 | 240 | 916 | .036 | .091 | .403 | -.254 | 260 | 124 | -.403 | .112 | -.105 | -1.221 |
| 240 | 703 | -.388 | 067 | -.210 | -.935 | 240 | 917 | -.151 | .053 | .180 | -.348 | 260 | 125 | -.430 | .143 | .003 | -1.075 |
| 240 | 704 | -.483 | 095 | -.180 | -.962 | 240 | 918 | -.117 | .059 | .163 | -.311 | 260 | 126 | -.439 | .130 | -.029 | -1.079 |
| 240 | 705 | -.401 | 077 | -.166 | -.733 | 240 | 919 | -.120 | .057 | .140 | -.325 | 260 | 127 | -.477 | .138 | .101 | -1.328 |
| 240 | 706 | -.211 | 105 | .099 | -.839 | 240 | 920 | .360 | .099 | .820 | .062 | 260 | 128 | -.489 | .143 | .016 | -1.404 |
| 240 | 707 | -.309 | 050 | -.118 | -.494 | 240 | 921 | .317 | .106 | .677 | .013 | 260 | 129 | -.450 | .155 | -.174 | -1.666 |
| 240 | 708 | -.305 | 044 | -.137 | -.525 | 240 | 922 | .439 | .136 | .984 | .071 | 260 | 130 | -.462 | .156 | -.184 | -1.593 |
| 240 | 709 | -.392 | 056 | -.198 | -.652 | 240 | 923 | .046 | .117 | .531 | -.310 | 260 | 131 | -.717 | .213 | -.210 | -1.551 |
| 240 | 710 | -.451 | 081 | -.186 | -.792 | 240 | 924 | .068 | .102 | .467 | -.213 | 260 | 132 | -.702 | .202 | -.235 | -1.697 |
| 240 | 711 | -.469 | 173 | .033 | -1.113 | 240 | 925 | .098 | .098 | .443 | -.227 | 260 | 133 | -.285 | .079 | -.066 | -.617 |
| 240 | 712 | -.679 | 215 | -.198 | -1.581 | 240 | 926 | -.141 | .094 | .121 | -.583 | 260 | 134 | -.276 | .078 | -.057 | -.701 |
| 240 | 713 | -.319 | 115 | -.037 | -.924 | 240 | 927 | -.047 | .073 | .406 | -.322 | 260 | 135 | -.256 | .074 | -.062 | -.688 |
| 240 | 714 | .001 | 066 | .258 | -.333 | 240 | 928 | -.037 | .071 | .372 | -.305 | 260 | 136 | -.302 | .074 | -.132 | -.755 |
| 240 | 715 | -.324 | 116 | .059 | -.728 | 240 | 929 | -.512 | .081 | -.269 | -.772 | 260 | 137 | -.481 | .114 | -.200 | -1.024 |
| 240 | 716 | -.144 | 131 | .210 | -.720 | 240 | 930 | -.523 | .081 | -.276 | -.809 | 260 | 138 | -.545 | .138 | -.175 | -1.205 |
| 240 | 717 | .092 | 173 | .536 | -.570 | 240 | 931 | -.502 | .081 | -.260 | -.832 | 260 | 139 | -.348 | .083 | -.147 | -.786 |
| 240 | 718 | -.390 | 296 | .406 | -1.324 | 240 | 932 | -.508 | .087 | -.254 | -.807 | 260 | 140 | -.463 | .129 | -.171 | -1.034 |
| 240 | 719 | -.540 | 242 | .313 | -1.469 | 240 | 933 | -.495 | .079 | -.257 | -.838 | 260 | 141 | -.213 | .074 | -.025 | -.625 |
| 240 | 720 | -.126 | 206 | .381 | -1.256 | 240 | 934 | -.495 | .080 | -.006 | -.827 | 260 | 142 | -.182 | .057 | -.038 | -.466 |
| 240 | 721 | -.377 | 225 | .241 | -1.155 | 240 | 935 | -.522 | .083 | -.260 | -.862 | 260 | 143 | -.166 | .036 | -.058 | -.366 |
| 240 | 722 | -.066 | 143 | .517 | -.746 | 240 | 936 | -.553 | .114 | -.179 | -.929 | 260 | 144 | -.156 | .040 | -.018 | -.324 |
| 240 | 723 | -.142 | 124 | .380 | -.598 | 240 | 937 | -.409 | .082 | -.096 | -.754 | 260 | 145 | -.308 | .089 | -.070 | -.674 |
| 240 | 724 | -.178 | 087 | .318 | -.484 | 240 | 938 | -.383 | .091 | -.094 | -.742 | 260 | 146 | -.364 | .111 | -.108 | -.899 |
| 240 | 725 | -.235 | 042 | -.058 | -.397 | 240 | 939 | -.477 | .093 | -.151 | -.835 | 260 | 147 | -.187 | .074 | .012 | -.502 |
| 240 | 726 | -.273 | 040 | -.133 | -.441 | 240 | 940 | -.288 | .073 | -.025 | -.505 | 260 | 148 | -.152 | .056 | .016 | -.369 |
| 240 | 727 | -.317 | 054 | -.157 | -.638 | 240 | 941 | -.219 | .075 | -.013 | -.510 | 260 | 149 | -.129 | .037 | .030 | -.260 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 260 | 150 | -.104 | .041 | .060 | -.236 | 260 | 222 | -.272 | .051 | -.084 | -.432 | 260 | 272 | -.238 | .061 | -.022 | -.472 |
| 260 | 151 | -.183 | .067 | .046 | -.559 | 260 | 223 | -.311 | .075 | -.037 | -.624 | 260 | 273 | -.223 | .066 | -.012 | -.679 |
| 260 | 152 | -.260 | .117 | .042 | -.953 | 260 | 224 | -.346 | .096 | -.005 | -.729 | 260 | 274 | -.229 | .072 | .040 | -.655 |
| 260 | 153 | -.310 | .125 | -.102 | -1.110 | 260 | 225 | -.289 | .071 | -.059 | -.603 | 260 | 275 | -.358 | .121 | -.073 | -.841 |
| 260 | 154 | -.272 | .112 | -.072 | -.999 | 260 | 226 | -.291 | .073 | -.052 | -.738 | 260 | 276 | -.376 | .128 | -.073 | -.920 |
| 260 | 155 | -.260 | .128 | .033 | -1.104 | 260 | 227 | -.292 | .062 | -.132 | -.797 | 260 | 277 | -.221 | .067 | -.027 | -.535 |
| 260 | 156 | -.252 | .111 | -.018 | -.876 | 260 | 228 | -.298 | .062 | -.113 | -.581 | 260 | 278 | -.182 | .055 | .003 | -.435 |
| 260 | 157 | -.292 | .161 | .356 | -.813 | 260 | 229 | -.342 | .086 | -.111 | -.710 | 260 | 279 | -.109 | .064 | .125 | -.465 |
| 260 | 158 | -.381 | .179 | .270 | -1.065 | 260 | 230 | -.362 | .095 | -.072 | -.734 | 260 | 280 | -.154 | .073 | .085 | -.697 |
| 260 | 159 | -.357 | .185 | .144 | -1.161 | 260 | 231 | -.333 | .086 | -.132 | -.835 | 260 | 301 | -1.032 | .314 | -.229 | -2.006 |
| 260 | 160 | -.039 | .127 | .321 | -.658 | 260 | 232 | -.335 | .093 | -.050 | -.871 | 260 | 302 | -.759 | .189 | -.225 | -1.422 |
| 260 | 161 | -.300 | .192 | .203 | -1.046 | 260 | 233 | -.363 | .108 | -.114 | -1.331 | 260 | 303 | -.478 | .143 | -.030 | -1.240 |
| 260 | 162 | -.194 | .113 | .208 | -.581 | 260 | 234 | -.322 | .097 | -.089 | -.994 | 260 | 304 | -.306 | .107 | -.049 | -.820 |
| 260 | 163 | -.252 | .124 | .169 | -.728 | 260 | 235 | -.299 | .080 | -.107 | -.695 | 260 | 305 | -.248 | .077 | 0.000 | -.681 |
| 260 | 164 | -.201 | .112 | .179 | -.770 | 260 | 236 | -.285 | .076 | -.096 | -.634 | 260 | 306 | -.262 | .073 | .005 | -.643 |
| 260 | 165 | -.086 | .095 | .299 | -.417 | 260 | 237 | -.282 | .085 | -.090 | -.645 | 260 | 307 | -1.036 | .310 | -.267 | -2.047 |
| 260 | 166 | -.133 | .092 | .130 | -.537 | 260 | 238 | -.288 | .082 | -.091 | -.717 | 260 | 308 | -1.043 | .295 | -.281 | -2.070 |
| 260 | 167 | -.007 | .053 | .186 | -.175 | 260 | 239 | -.355 | .093 | -.100 | -.767 | 260 | 309 | -.485 | .156 | -.140 | -1.065 |
| 260 | 168 | -.025 | .049 | .157 | -.216 | 260 | 240 | -.346 | .092 | -.096 | -.709 | 260 | 310 | -.302 | .114 | .077 | -.805 |
| 260 | 169 | .004 | .061 | .213 | -.228 | 260 | 241 | -.336 | .086 | -.071 | -.729 | 260 | 311 | -.251 | .072 | .000 | -.643 |
| 260 | 170 | -.153 | .094 | .257 | -.458 | 260 | 242 | -.332 | .083 | -.086 | -.748 | 260 | 312 | -.229 | .069 | -.001 | -.745 |
| 260 | 171 | -.187 | .101 | .240 | -.568 | 260 | 243 | -.313 | .075 | -.105 | -.726 | 260 | 313 | -.705 | .163 | -.220 | -1.372 |
| 260 | 172 | -.195 | .104 | .217 | -.591 | 260 | 244 | -.281 | .090 | -.089 | -.750 | 260 | 314 | -.755 | .175 | -.203 | -1.581 |
| 260 | 173 | -.021 | .100 | .337 | -.388 | 260 | 245 | -.226 | .095 | -.007 | -.593 | 260 | 315 | -.685 | .214 | -.081 | -1.459 |
| 260 | 174 | -.086 | .096 | .242 | -.517 | 260 | 246 | -.229 | .092 | -.014 | -.678 | 260 | 316 | -.384 | .194 | .113 | -1.111 |
| 260 | 175 | .015 | .067 | .276 | -.304 | 260 | 247 | -.247 | .103 | .009 | -.850 | 260 | 317 | -.275 | .112 | .034 | -.864 |
| 260 | 176 | -.017 | .070 | .189 | -.666 | 260 | 248 | -.202 | .095 | .018 | -.955 | 260 | 318 | -.306 | .118 | .010 | -1.125 |
| 260 | 177 | .084 | .073 | .415 | -.116 | 260 | 249 | -.208 | .094 | .022 | -.731 | 260 | 319 | -.647 | .218 | -.143 | -1.694 |
| 260 | 178 | .008 | .083 | .351 | -.363 | 260 | 250 | -.319 | .091 | -.132 | -.820 | 260 | 320 | -.690 | .226 | -.159 | -1.672 |
| 260 | 201 | -.275 | .083 | -.006 | -.714 | 260 | 251 | -.347 | .115 | -.143 | -1.256 | 260 | 321 | -.611 | .210 | .109 | -1.398 |
| 260 | 202 | -.272 | .083 | -.013 | -.736 | 260 | 252 | -.343 | .110 | -.116 | -1.097 | 260 | 322 | -.384 | .178 | .109 | -1.228 |
| 260 | 203 | -.272 | .075 | -.008 | -.610 | 260 | 253 | -.297 | .081 | -.095 | -.769 | 260 | 323 | -.303 | .126 | -.003 | -.941 |
| 260 | 204 | -.296 | .076 | -.039 | -.622 | 260 | 254 | -.315 | .090 | -.137 | -.796 | 260 | 324 | -.332 | .139 | -.010 | -1.194 |
| 260 | 205 | -.330 | .098 | -.035 | -.877 | 260 | 255 | -.333 | .105 | -.061 | -1.047 | 260 | 325 | -.728 | .237 | -.195 | -1.957 |
| 260 | 206 | -.325 | .101 | -.040 | -.750 | 260 | 256 | -.379 | .108 | -.158 | -.835 | 260 | 326 | -.681 | .232 | -.102 | -1.852 |
| 260 | 207 | -.260 | .074 | .026 | -.697 | 260 | 257 | -.338 | .097 | -.128 | -.830 | 260 | 327 | -.661 | .210 | -.170 | -1.728 |
| 260 | 208 | -.256 | .073 | .007 | -.680 | 260 | 258 | -.349 | .105 | -.135 | -.866 | 260 | 328 | -.700 | .221 | -.173 | -1.799 |
| 260 | 209 | -.266 | .070 | -.035 | -.667 | 260 | 259 | -.377 | .099 | -.152 | -.764 | 260 | 329 | -.700 | .237 | -.165 | -2.246 |
| 260 | 210 | -.282 | .071 | -.064 | -.608 | 260 | 260 | -.335 | .093 | -.119 | -.736 | 260 | 330 | -.638 | .227 | -.056 | -2.034 |
| 260 | 211 | -.314 | .095 | -.025 | -.823 | 260 | 261 | -.347 | .088 | -.109 | -.818 | 260 | 331 | -.515 | .205 | -.032 | -1.411 |
| 260 | 212 | -.328 | .102 | -.012 | -.856 | 260 | 262 | -.444 | .133 | -.138 | -.972 | 260 | 332 | -.325 | .145 | .027 | -.961 |
| 260 | 213 | -.292 | .086 | -.014 | -.631 | 260 | 263 | -.411 | .131 | -.142 | -.953 | 260 | 333 | -.321 | .091 | -.089 | -.754 |
| 260 | 214 | -.281 | .073 | -.106 | -.862 | 260 | 264 | -.386 | .127 | -.104 | -.883 | 260 | 334 | -.274 | .094 | -.047 | -.743 |
| 260 | 215 | -.280 | .064 | -.054 | -.542 | 260 | 265 | -.370 | .113 | -.111 | -.813 | 260 | 336 | -.341 | .101 | -.119 | -1.088 |
| 260 | 216 | -.266 | .056 | -.101 | -.509 | 260 | 266 | -.375 | .111 | -.133 | -.824 | 260 | 337 | -.340 | .094 | -.121 | -.764 |
| 260 | 217 | -.293 | .071 | -.066 | -.686 | 260 | 267 | -.313 | .112 | -.073 | -.802 | 260 | 338 | -.301 | .090 | -.111 | -.719 |
| 260 | 218 | -.326 | .086 | -.108 | -.717 | 260 | 268 | -.354 | .112 | -.102 | -.893 | 260 | 339 | -.334 | .102 | -.128 | -.932 |
| 260 | 219 | -.310 | .094 | -.032 | -.721 | 260 | 269 | -.431 | .150 | -.079 | -1.120 | 260 | 340 | -.367 | .100 | -.159 | -.927 |
| 260 | 220 | -.300 | .087 | -.031 | -.678 | 260 | 270 | -.430 | .149 | -.081 | -1.101 | 260 | 341 | -.379 | .101 | -.165 | -.895 |
| 260 | 221 | -.278 | .061 | -.073 | -.548 | 260 | 271 | -.280 | .087 | -.042 | -.644 | 260 | 342 | -.351 | .103 | -.102 | -.843 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 260 | 343 | -.318 | 082 | -.119 | -.736 | 260 | 393 | -.361 | .087 | -.123 | -.732 | 260 | 535 | .026 | .123 | .453 | -.556 |
| 260 | 344 | -.345 | 086 | -.072 | -.778 | 260 | 394 | -.179 | .082 | .131 | -.573 | 260 | 536 | -.209 | .123 | .220 | -.692 |
| 260 | 345 | -.346 | .084 | -.146 | -.799 | 260 | 395 | -.185 | .078 | .146 | -.596 | 260 | 537 | -.258 | .180 | .302 | -.950 |
| 260 | 346 | -.303 | .085 | .015 | -.702 | 260 | 396 | -.078 | .080 | .266 | -.339 | 260 | 538 | .056 | .110 | .432 | -.651 |
| 260 | 347 | -.998 | .290 | -.195 | -2.059 | 260 | 397 | -.441 | .099 | -.179 | -.881 | 260 | 539 | -.038 | .179 | .405 | -.746 |
| 260 | 348 | -.569 | .208 | -.044 | -1.756 | 260 | 398 | -.307 | .068 | -.109 | -.621 | 260 | 540 | -.159 | .156 | .297 | -.680 |
| 260 | 349 | -.769 | .321 | -.065 | -2.000 | 260 | 399 | -.216 | .041 | -.073 | -.365 | 260 | 541 | -.223 | .160 | .347 | -.681 |
| 260 | 350 | -.421 | .145 | -.099 | -.980 | 260 | 400 | -.191 | .037 | -.036 | -.344 | 260 | 542 | -.272 | .131 | .173 | -.677 |
| 260 | 351 | -.351 | .108 | -.119 | -.768 | 260 | 401 | -.224 | .052 | -.055 | -.447 | 260 | 543 | -.098 | .119 | .395 | -.535 |
| 260 | 352 | -.343 | .100 | -.123 | -.754 | 260 | 402 | -.269 | .059 | -.109 | -.492 | 260 | 544 | -.089 | .115 | .475 | -.661 |
| 260 | 353 | -1.065 | .278 | -.334 | -2.005 | 260 | 403 | -.303 | .074 | -.110 | -.692 | 260 | 545 | -.015 | .071 | .374 | -.271 |
| 260 | 354 | -.850 | .232 | -.186 | -1.603 | 260 | 404 | -.263 | .067 | -.065 | -.555 | 260 | 546 | -.004 | .064 | .349 | -.219 |
| 260 | 355 | -.733 | .149 | -.254 | -1.414 | 260 | 405 | -.168 | .041 | .005 | -.314 | 260 | 547 | .066 | .097 | .573 | -.197 |
| 260 | 356 | -.710 | .155 | -.164 | -1.289 | 260 | 406 | -.164 | .037 | -.019 | -.309 | 260 | 548 | .070 | .082 | .590 | -.138 |
| 260 | 357 | -.349 | .121 | -.049 | -.964 | 260 | 407 | -.212 | .047 | -.049 | -.413 | 260 | 549 | .034 | .188 | .573 | -.746 |
| 260 | 358 | -.264 | .053 | -.104 | -.499 | 260 | 408 | -.274 | .070 | -.065 | -.601 | 260 | 550 | .145 | .207 | .710 | -.692 |
| 260 | 359 | -.291 | .068 | -.138 | -.592 | 260 | 501 | .073 | .084 | .352 | -.342 | 260 | 551 | .306 | .231 | .882 | -.417 |
| 260 | 360 | -.301 | .080 | -.116 | -.730 | 260 | 502 | .217 | .097 | .518 | -.107 | 260 | 552 | .370 | .203 | .919 | -.469 |
| 260 | 361 | -.553 | .174 | -.158 | -1.239 | 260 | 503 | .257 | .103 | .599 | -.118 | 260 | 553 | .271 | .152 | .640 | -.458 |
| 260 | 362 | -.530 | .183 | -.094 | -1.368 | 260 | 504 | .291 | .105 | .628 | -.078 | 260 | 554 | .117 | .151 | .549 | -.644 |
| 260 | 363 | -.291 | .121 | -.039 | -.938 | 260 | 505 | .277 | .106 | .574 | -.127 | 260 | 555 | .227 | .149 | .695 | -.290 |
| 260 | 364 | -.208 | .061 | -.017 | -.528 | 260 | 506 | .057 | .092 | .386 | -.293 | 260 | 556 | .033 | .155 | .501 | -.553 |
| 260 | 365 | -.374 | .109 | -.122 | -.859 | 260 | 507 | .160 | .091 | .454 | -.206 | 260 | 557 | .037 | .092 | .362 | -.279 |
| 260 | 366 | -.376 | .096 | -.148 | -.774 | 260 | 508 | .322 | .111 | .637 | -.012 | 260 | 558 | .123 | .103 | .508 | -.152 |
| 260 | 367 | -.375 | .094 | -.160 | -.756 | 260 | 509 | .425 | .117 | .869 | 0.000 | 260 | 559 | .283 | .127 | .680 | -.031 |
| 260 | 368 | -.444 | .127 | -.169 | -1.001 | 260 | 510 | .456 | .116 | .839 | .068 | 260 | 560 | .314 | .148 | .767 | -.075 |
| 260 | 369 | -.415 | .106 | -.162 | -.825 | 260 | 511 | .385 | .112 | .718 | -.008 | 260 | 561 | .170 | .141 | .664 | -.187 |
| 260 | 370 | -.380 | .102 | -.150 | -.830 | 260 | 512 | .074 | .107 | .482 | -.303 | 260 | 562 | -.016 | .144 | .508 | -.471 |
| 260 | 371 | -.398 | .108 | -.155 | -.928 | 260 | 513 | .110 | .084 | .335 | -.164 | 260 | 563 | -.053 | .079 | .271 | -.314 |
| 260 | 372 | -.394 | .110 | -.150 | -.916 | 260 | 514 | .329 | .101 | .647 | -.004 | 260 | 564 | -.016 | .083 | .323 | -.306 |
| 260 | 373 | -.369 | .098 | -.138 | -.834 | 260 | 515 | .558 | .129 | .923 | .155 | 260 | 565 | .073 | .083 | .439 | -.157 |
| 260 | 374 | -.590 | .173 | -.153 | -1.395 | 260 | 516 | .593 | .130 | .933 | .118 | 260 | 566 | .341 | .128 | .829 | -.039 |
| 260 | 375 | -.398 | .194 | -.051 | -1.598 | 260 | 517 | .355 | .114 | .766 | -.119 | 260 | 567 | .363 | .148 | .905 | -.017 |
| 260 | 376 | -.488 | .179 | -.111 | -1.267 | 260 | 518 | .041 | .103 | .413 | -.369 | 260 | 568 | .200 | .128 | .599 | -.149 |
| 260 | 377 | -.320 | .080 | -.090 | -.730 | 260 | 519 | .041 | .089 | .342 | -.317 | 260 | 569 | -.006 | .110 | .419 | -.359 |
| 260 | 378 | -.304 | .075 | -.110 | -.642 | 260 | 520 | .268 | .120 | .651 | -.095 | 260 | 570 | -.121 | .085 | .287 | -.398 |
| 260 | 379 | -.369 | .099 | -.121 | -.836 | 260 | 521 | .482 | .137 | .918 | .055 | 260 | 571 | -.165 | .107 | .339 | -.547 |
| 260 | 380 | -.564 | .154 | -.128 | -1.150 | 260 | 522 | .517 | .144 | .979 | .066 | 260 | 572 | .010 | .098 | .314 | -.444 |
| 260 | 381 | -.351 | .109 | -.039 | -.938 | 260 | 523 | .298 | .124 | .640 | -.111 | 260 | 573 | -.026 | .115 | .323 | -.440 |
| 260 | 382 | -.504 | .113 | -.150 | -1.027 | 260 | 524 | .045 | .115 | .349 | -.395 | 260 | 574 | .004 | .036 | .134 | -.108 |
| 260 | 383 | -.380 | .114 | -.066 | -.897 | 260 | 525 | .288 | .115 | .630 | -.094 | 260 | 575 | -.007 | .075 | .249 | -.323 |
| 260 | 384 | -.222 | .041 | -.090 | -.380 | 260 | 526 | .018 | .113 | .407 | -.448 | 260 | 576 | .144 | .095 | .618 | -.072 |
| 260 | 385 | -.228 | .039 | -.109 | -.406 | 260 | 527 | .268 | .118 | .678 | -.128 | 260 | 577 | -.184 | .120 | .268 | -.954 |
| 260 | 386 | -.277 | .060 | -.131 | -.504 | 260 | 528 | .047 | .112 | .453 | -.347 | 260 | 578 | -.178 | .122 | .259 | -.904 |
| 260 | 387 | -.317 | .069 | -.119 | -.632 | 260 | 529 | -.179 | .114 | .158 | -.856 | 260 | 579 | -.138 | .140 | .339 | -.658 |
| 260 | 388 | -.350 | .088 | -.090 | -.753 | 260 | 530 | -.062 | .124 | .347 | -.592 | 260 | 580 | .036 | .188 | .580 | -.650 |
| 260 | 389 | -.306 | .074 | -.063 | -.643 | 260 | 531 | .100 | .119 | .535 | -.280 | 260 | 581 | .111 | .159 | .587 | -.580 |
| 260 | 390 | -.150 | .064 | .152 | -.378 | 260 | 532 | .444 | .139 | .894 | -.008 | 260 | 582 | .055 | .171 | .563 | -.789 |
| 260 | 391 | -.185 | .044 | -.028 | -.365 | 260 | 533 | .513 | .157 | 1.097 | .083 | 260 | 583 | .086 | .140 | .556 | -.464 |
| 260 | 392 | -.297 | .063 | -.119 | -.555 | 260 | 534 | .210 | .116 | .615 | -.241 | 260 | 584 | .032 | .149 | .529 | -.619 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 260 | 585 | -.005 | .049 | .184 | -.253 | 260 | 735 | -.281 | .081 | -.055 | -.673 | 280 | 107 | -.250 | .056 | -.063 | -.552 |
| 260 | 586 | .004 | .045 | .165 | -.204 | 260 | 736 | -.399 | .132 | -.107 | -.996 | 280 | 108 | -.233 | .051 | -.023 | -.465 |
| 260 | 587 | .032 | .042 | .228 | -.110 | 260 | 901 | -.167 | .105 | .374 | -.592 | 280 | 109 | -.267 | .065 | -.062 | -.629 |
| 260 | 588 | .057 | .056 | .330 | -.106 | 260 | 902 | -.190 | .090 | .180 | -.679 | 280 | 110 | -.365 | .101 | -.099 | -.847 |
| 260 | 589 | -.010 | .092 | .347 | -.323 | 260 | 903 | -.196 | .046 | -.001 | -.365 | 280 | 111 | -1.061 | .262 | -.413 | -1.918 |
| 260 | 590 | -.058 | .109 | .335 | -.401 | 260 | 904 | -.251 | .054 | -.114 | -.545 | 280 | 112 | -1.069 | .295 | -.408 | -2.148 |
| 260 | 591 | .091 | .072 | .389 | -.131 | 260 | 905 | -.333 | .075 | -.151 | -.717 | 280 | 113 | -.272 | .067 | -.080 | -.716 |
| 260 | 592 | .136 | .080 | .441 | -.115 | 260 | 906 | -.186 | .061 | .016 | -.415 | 280 | 114 | -.260 | .075 | -.015 | -.663 |
| 260 | 593 | .103 | .071 | .359 | -.114 | 260 | 907 | -.260 | .054 | -.092 | -.524 | 280 | 115 | -.356 | .169 | .019 | -.973 |
| 260 | 594 | .045 | .072 | .347 | -.209 | 260 | 908 | -.305 | .068 | -.124 | -.603 | 280 | 116 | -.646 | .204 | .023 | -1.309 |
| 260 | 595 | .011 | .077 | .301 | -.214 | 260 | 909 | -.293 | .104 | -.052 | -1.008 | 280 | 117 | -.768 | .166 | -.271 | -1.419 |
| 260 | 596 | -.039 | .070 | .317 | -.208 | 260 | 910 | -.314 | .114 | -.081 | -1.132 | 280 | 118 | -.770 | .167 | -.331 | -2.320 |
| 260 | 597 | -.057 | .112 | .384 | -.364 | 260 | 911 | .349 | .147 | .949 | -.034 | 280 | 119 | -.291 | .099 | -.021 | -.892 |
| 260 | 598 | -.037 | .106 | .354 | -.367 | 260 | 912 | .356 | .150 | 1.007 | -.040 | 280 | 120 | -.280 | .101 | .055 | -.776 |
| 260 | 599 | -.063 | .084 | .306 | -.316 | 260 | 913 | .385 | .167 | .896 | -.035 | 280 | 121 | -.360 | .188 | .066 | -1.061 |
| 260 | 600 | -.092 | .078 | .314 | -.315 | 260 | 914 | .059 | .134 | .479 | -.597 | 280 | 122 | -.595 | .227 | .001 | -1.377 |
| 260 | 701 | -.256 | .118 | -.026 | -.895 | 260 | 915 | .072 | .118 | .407 | -.442 | 280 | 123 | -.783 | .189 | -.224 | -1.507 |
| 260 | 702 | -.431 | .187 | .013 | -1.586 | 260 | 916 | .084 | .107 | .532 | -.311 | 280 | 124 | -.774 | .189 | -.228 | -1.503 |
| 260 | 703 | -.480 | .190 | -.052 | -1.492 | 260 | 917 | -.296 | .125 | -.028 | -.993 | 280 | 125 | -.262 | .055 | -.050 | -.632 |
| 260 | 704 | -.454 | .148 | -.040 | -1.124 | 260 | 918 | -.154 | .083 | .156 | -.477 | 280 | 126 | -.259 | .055 | -.048 | -.609 |
| 260 | 705 | -.296 | .086 | -.043 | -.745 | 260 | 919 | -.162 | .077 | .091 | -.432 | 280 | 127 | -.275 | .109 | -.023 | -.800 |
| 260 | 706 | -.208 | .097 | .077 | -.765 | 260 | 920 | .463 | .138 | .916 | .061 | 280 | 128 | -.529 | .220 | -.067 | -1.309 |
| 260 | 707 | -.383 | .084 | -.189 | -.953 | 260 | 921 | .429 | .139 | .997 | .018 | 280 | 129 | -.824 | .230 | -.322 | -2.058 |
| 260 | 708 | -.350 | .104 | -.128 | -1.311 | 260 | 922 | .468 | .161 | 1.066 | .006 | 280 | 130 | -.842 | .236 | -.310 | -2.344 |
| 260 | 709 | -.471 | .166 | -.180 | -1.810 | 260 | 923 | -.021 | .136 | .399 | -.534 | 280 | 131 | -.864 | .193 | -.254 | -1.520 |
| 260 | 710 | -.411 | .109 | -.094 | -.921 | 260 | 924 | .017 | .122 | .365 | -.446 | 280 | 132 | -.846 | .198 | -.336 | -1.636 |
| 260 | 711 | -.330 | .134 | .006 | -1.116 | 260 | 925 | .093 | .123 | .495 | -.444 | 280 | 133 | -.275 | .059 | -.085 | -.518 |
| 260 | 712 | -.423 | .264 | .191 | -1.676 | 260 | 926 | -.559 | .214 | .024 | -1.444 | 280 | 134 | -.243 | .053 | -.101 | -.506 |
| 260 | 713 | -.196 | .096 | .145 | -.632 | 260 | 927 | -.272 | .163 | .073 | -1.172 | 280 | 135 | -.188 | .040 | -.074 | -.368 |
| 260 | 714 | .003 | .056 | .315 | -.238 | 260 | 928 | -.281 | .159 | .061 | -1.198 | 280 | 136 | -.244 | .057 | -.045 | -.472 |
| 260 | 715 | -.200 | .122 | .285 | -.729 | 260 | 929 | -.517 | .101 | -.250 | -.877 | 280 | 137 | -.707 | .176 | -.228 | -1.329 |
| 260 | 716 | -.019 | .089 | .247 | -.429 | 260 | 930 | -.534 | .102 | -.296 | -1.017 | 280 | 138 | -.783 | .199 | -.322 | -1.550 |
| 260 | 717 | -.964 | .292 | -.023 | -2.105 | 260 | 931 | -.505 | .103 | -.243 | -.965 | 280 | 139 | -.471 | .110 | -.134 | -.939 |
| 260 | 718 | -.800 | .245 | -.144 | -2.080 | 260 | 932 | -.521 | .111 | -.252 | -1.011 | 280 | 140 | -.715 | .187 | -.238 | -1.423 |
| 260 | 719 | -.755 | .308 | -.104 | -2.150 | 260 | 933 | -.500 | .108 | -.233 | -1.055 | 280 | 141 | -.221 | .073 | -.030 | -.524 |
| 260 | 720 | -.751 | .351 | .121 | -2.007 | 260 | 934 | -.512 | .112 | -.176 | -.989 | 280 | 142 | -.189 | .058 | -.030 | -.419 |
| 260 | 721 | -.655 | .255 | -.012 | -2.069 | 260 | 935 | -.524 | .110 | -.233 | -1.099 | 280 | 143 | -.167 | .037 | -.036 | -.315 |
| 260 | 722 | -.394 | .243 | .288 | -1.429 | 260 | 936 | -.540 | .130 | -.178 | -1.131 | 280 | 144 | -.166 | .042 | -.025 | -.373 |
| 260 | 723 | -.343 | .139 | .100 | -.837 | 260 | 937 | -.462 | .122 | -.025 | -.959 | 280 | 145 | -.445 | .114 | -.072 | -.840 |
| 260 | 724 | -.220 | .085 | .065 | -.666 | 260 | 938 | -.479 | .100 | -.044 | -.889 | 280 | 146 | -.493 | .120 | -.169 | -1.015 |
| 260 | 725 | -.248 | .078 | -.022 | -.997 | 260 | 939 | -.440 | .118 | .056 | -.962 | 280 | 147 | -.222 | .080 | -.020 | -.612 |
| 260 | 726 | -.306 | .131 | -.016 | -1.166 | 260 | 940 | -.388 | .123 | .061 | -.991 | 280 | 148 | -.183 | .059 | -.021 | -.465 |
| 260 | 727 | -.297 | .097 | -.075 | -.907 | 260 | 941 | -.377 | .096 | -.025 | -.721 | 280 | 149 | -.145 | .035 | -.031 | -.281 |
| 260 | 728 | -.382 | .113 | -.135 | -1.085 | 260 | 942 | -.316 | .109 | .049 | -.739 | 280 | 150 | -.118 | .041 | .033 | -.288 |
| 260 | 729 | -.324 | .094 | -.087 | -.816 | 280 | 101 | -.255 | .056 | -.030 | -.504 | 280 | 151 | -.216 | .092 | .034 | -.617 |
| 260 | 730 | -.339 | .107 | -.086 | -1.243 | 280 | 102 | -.229 | .055 | -.004 | -.581 | 280 | 152 | -.307 | .127 | -.023 | -.833 |
| 260 | 731 | -.330 | .098 | -.129 | -.875 | 280 | 103 | -.291 | .074 | -.077 | -.802 | 280 | 153 | -.332 | .126 | -.115 | -1.169 |
| 260 | 732 | -.365 | .100 | -.155 | -.770 | 280 | 104 | -.396 | .107 | -.143 | -.842 | 280 | 154 | -.300 | .120 | -.070 | -1.122 |
| 260 | 733 | -.443 | .129 | -.140 | -.932 | 280 | 105 | -.774 | .211 | -.235 | -1.599 | 280 | 155 | -.318 | .148 | -.033 | -1.237 |
| 260 | 734 | -.400 | .120 | -.164 | -1.066 | 280 | 106 | -1.205 | .389 | -.425 | -2.515 | 280 | 156 | -.313 | .132 | -.064 | -1.007 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 280 | 157 | .091 | .165 | .656 | -.547 | 280 | 229 | -.297 | .053 | -.110 | -.507 | 280 | 279 | -.160 | .091 | .140 | -.739 |
| 280 | 158 | .089 | .197 | .719 | -.682 | 280 | 230 | -.289 | .060 | -.089 | -.545 | 280 | 280 | -.203 | .095 | .087 | -.754 |
| 280 | 159 | .010 | .203 | .542 | -.722 | 280 | 231 | -.366 | .088 | -.127 | -.879 | 280 | 301 | -.368 | .065 | -.192 | -.685 |
| 280 | 160 | .168 | .111 | .635 | -.293 | 280 | 232 | -.353 | .079 | -.119 | -.692 | 280 | 302 | -.372 | .067 | -.169 | -.906 |
| 280 | 161 | .094 | .141 | .552 | -.448 | 280 | 233 | -.386 | .098 | -.151 | -1.028 | 280 | 303 | -.315 | .080 | -.094 | -.772 |
| 280 | 162 | .072 | .109 | .434 | -.310 | 280 | 234 | -.361 | .095 | -.135 | -1.317 | 280 | 304 | -.341 | .098 | .024 | -1.161 |
| 280 | 163 | .094 | .110 | .452 | -.387 | 280 | 235 | -.342 | .078 | -.137 | -.759 | 280 | 305 | -.371 | .114 | .049 | -.933 |
| 280 | 164 | .072 | .101 | .404 | -.317 | 280 | 236 | -.313 | .074 | -.117 | -.717 | 280 | 306 | -.381 | .126 | -.027 | -.879 |
| 280 | 165 | .091 | .080 | .393 | -.224 | 280 | 237 | -.300 | .073 | -.081 | -.802 | 280 | 307 | -.342 | .065 | -.168 | -.653 |
| 280 | 166 | .066 | .079 | .342 | -.351 | 280 | 238 | -.284 | .066 | -.096 | -.713 | 280 | 308 | -.355 | .066 | -.176 | -.644 |
| 280 | 167 | .117 | .067 | .461 | -.067 | 280 | 239 | -.385 | .094 | -.183 | -.830 | 280 | 309 | -.359 | .076 | -.176 | -.776 |
| 280 | 168 | .100 | .066 | .430 | -.120 | 280 | 240 | -.377 | .091 | -.165 | -.819 | 280 | 310 | -.372 | .096 | -.074 | -.930 |
| 280 | 169 | .145 | .077 | .564 | -.151 | 280 | 241 | -.383 | .093 | -.110 | -.898 | 280 | 311 | -.377 | .103 | .003 | -.908 |
| 280 | 170 | .210 | .152 | .671 | -.201 | 280 | 242 | -.366 | .091 | -.091 | -.892 | 280 | 312 | -.334 | .109 | -.027 | -.862 |
| 280 | 171 | .177 | .166 | .663 | -.342 | 280 | 243 | -.347 | .083 | -.140 | -.772 | 280 | 313 | -.273 | .058 | -.101 | -.518 |
| 280 | 172 | .184 | .179 | .636 | -.469 | 280 | 244 | -.322 | .111 | -.107 | -.933 | 280 | 314 | -.309 | .062 | -.133 | -.587 |
| 280 | 173 | .250 | .096 | .582 | -.057 | 280 | 245 | -.269 | .104 | .007 | -.730 | 280 | 315 | -.320 | .067 | -.137 | -.633 |
| 280 | 174 | .220 | .099 | .586 | -.055 | 280 | 246 | -.257 | .093 | -.024 | -.635 | 280 | 316 | -.287 | .079 | -.015 | -.684 |
| 280 | 175 | .178 | .098 | .537 | -.031 | 280 | 247 | -.298 | .115 | -.005 | -1.011 | 280 | 317 | -.360 | .113 | -.070 | -.990 |
| 280 | 176 | .125 | .105 | .549 | -.159 | 280 | 248 | -.272 | .119 | .003 | -1.024 | 280 | 318 | -.411 | .134 | -.123 | -1.320 |
| 280 | 177 | .276 | .103 | .680 | .032 | 280 | 249 | -.260 | .099 | -.019 | -.941 | 280 | 319 | -.278 | .066 | -.051 | -.696 |
| 280 | 178 | .203 | .082 | .533 | -.137 | 280 | 250 | -.354 | .082 | -.125 | -.761 | 280 | 320 | -.315 | .069 | -.096 | -.790 |
| 280 | 201 | -.322 | .085 | -.042 | -.663 | 280 | 251 | -.363 | .087 | -.106 | -.802 | 280 | 321 | -.328 | .077 | -.086 | -.771 |
| 280 | 202 | -.309 | .079 | -.046 | -.604 | 280 | 252 | -.364 | .086 | -.112 | -.785 | 280 | 322 | -.288 | .085 | -.031 | -.737 |
| 280 | 203 | -.298 | .067 | -.047 | -.591 | 280 | 253 | -.366 | .086 | -.127 | -.778 | 280 | 323 | -.362 | .109 | -.029 | -.978 |
| 280 | 204 | -.265 | .065 | -.027 | -.641 | 280 | 254 | -.346 | .080 | -.140 | -.686 | 280 | 324 | -.415 | .136 | -.079 | -1.360 |
| 280 | 205 | -.261 | .061 | -.051 | -.518 | 280 | 255 | -.373 | .092 | -.137 | -.872 | 280 | 325 | -.325 | .071 | -.088 | -.859 |
| 280 | 206 | -.255 | .062 | .015 | -.463 | 280 | 256 | -.382 | .091 | -.150 | -.950 | 280 | 326 | -.269 | .060 | -.043 | -.776 |
| 280 | 207 | -.333 | .085 | -.037 | -.735 | 280 | 257 | -.356 | .083 | -.104 | -.809 | 280 | 327 | -.306 | .073 | -.063 | -.836 |
| 280 | 208 | -.305 | .070 | -.041 | -.641 | 280 | 258 | -.371 | .092 | -.130 | -.795 | 280 | 328 | -.341 | .078 | -.079 | -.908 |
| 280 | 209 | -.287 | .058 | -.065 | -.509 | 280 | 259 | -.363 | .087 | -.138 | -.727 | 280 | 329 | -.331 | .083 | -.051 | -.901 |
| 280 | 210 | -.263 | .063 | -.040 | -.681 | 280 | 260 | -.337 | .095 | -.099 | -.843 | 280 | 330 | -.276 | .081 | -.020 | -.860 |
| 280 | 211 | -.264 | .063 | -.035 | -.518 | 280 | 261 | -.358 | .095 | -.079 | -.834 | 280 | 331 | -.316 | .090 | -.089 | -1.019 |
| 280 | 212 | -.259 | .063 | -.019 | -.520 | 280 | 262 | -.442 | .113 | -.169 | -1.026 | 280 | 332 | -.357 | .088 | -.025 | -.923 |
| 280 | 213 | -.323 | .078 | -.094 | -.756 | 280 | 263 | -.368 | .109 | -.092 | -.927 | 280 | 333 | -.363 | .084 | -.088 | -.776 |
| 280 | 214 | -.276 | .061 | -.082 | -.560 | 280 | 264 | -.372 | .095 | -.135 | -.718 | 280 | 334 | -.310 | .089 | -.062 | -.800 |
| 280 | 215 | -.272 | .053 | -.105 | -.508 | 280 | 265 | -.414 | .102 | -.116 | -1.034 | 280 | 336 | -.367 | .085 | -.106 | -.851 |
| 280 | 216 | -.272 | .056 | -.100 | -.496 | 280 | 266 | -.383 | .091 | -.125 | -.739 | 280 | 337 | -.372 | .090 | -.127 | -1.021 |
| 280 | 217 | -.278 | .058 | -.060 | -.648 | 280 | 267 | -.323 | .096 | -.062 | -.776 | 280 | 338 | -.299 | .088 | -.066 | -.742 |
| 280 | 218 | -.266 | .056 | -.087 | -.574 | 280 | 268 | -.356 | .102 | -.094 | -.865 | 280 | 339 | -.360 | .109 | -.125 | -1.091 |
| 280 | 219 | -.325 | .075 | -.076 | -.776 | 280 | 269 | -.426 | .141 | -.039 | -.960 | 280 | 340 | -.375 | .099 | -.163 | -.987 |
| 280 | 220 | -.291 | .068 | -.076 | -.621 | 280 | 270 | -.425 | .139 | -.068 | -.926 | 280 | 341 | -.378 | .099 | -.149 | -.980 |
| 280 | 221 | -.289 | .052 | -.139 | -.468 | 280 | 271 | -.321 | .108 | -.045 | -.786 | 280 | 342 | -.321 | .101 | -.106 | -.851 |
| 280 | 222 | -.273 | .050 | -.104 | -.485 | 280 | 272 | -.264 | .078 | -.010 | -.648 | 280 | 343 | -.331 | .085 | -.116 | -.730 |
| 280 | 223 | -.283 | .057 | -.057 | -.589 | 280 | 273 | -.271 | .081 | -.064 | -.725 | 280 | 344 | -.350 | .091 | -.086 | -.740 |
| 280 | 224 | -.280 | .060 | -.063 | -.702 | 280 | 274 | -.275 | .086 | -.058 | -.832 | 280 | 345 | -.362 | .090 | -.127 | -.771 |
| 280 | 225 | -.342 | .071 | -.122 | -.667 | 280 | 275 | -.340 | .129 | .022 | -1.011 | 280 | 346 | -.285 | .091 | -.029 | -.790 |
| 280 | 226 | -.315 | .061 | -.099 | -.679 | 280 | 276 | -.344 | .138 | .024 | -.980 | 280 | 347 | -.695 | .190 | -.201 | -1.691 |
| 280 | 227 | -.305 | .055 | -.061 | -.562 | 280 | 277 | -.292 | .102 | .007 | -.718 | 280 | 348 | -.636 | .176 | -.216 | -1.795 |
| 280 | 228 | -.293 | .053 | -.148 | -.534 | 280 | 278 | -.236 | .085 | .037 | -.766 | 280 | 349 | -.583 | .144 | -.202 | -1.543 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 280 | 350 | -.370 | .102 | -.116 | -.978 | 280 | 400 | -.164 | .049 | -.022 | -.393 | 280 | 542 | .108 | .138 | .596 | -.465 |
| 280 | 351 | -.387 | .098 | -.114 | -.938 | 280 | 401 | -.206 | .056 | -.011 | -.416 | 280 | 543 | .064 | .092 | .405 | -.279 |
| 280 | 352 | -.391 | .101 | -.132 | -.931 | 280 | 402 | -.292 | .080 | .007 | -.570 | 280 | 544 | .119 | .096 | .545 | -.189 |
| 280 | 353 | -.712 | .202 | -.232 | -1.669 | 280 | 403 | -.179 | .107 | .123 | -.701 | 280 | 545 | .057 | .070 | .404 | -.236 |
| 280 | 354 | -.697 | .176 | -.196 | -1.395 | 280 | 404 | -.095 | .067 | .139 | -.411 | 280 | 546 | .105 | .074 | .508 | -.065 |
| 280 | 355 | -.560 | .134 | -.178 | -1.092 | 280 | 405 | -.103 | .043 | .042 | -.259 | 280 | 547 | .069 | .064 | .316 | -.137 |
| 280 | 356 | -.572 | .137 | -.188 | -1.096 | 280 | 406 | -.133 | .040 | .002 | -.275 | 280 | 548 | .178 | .076 | .470 | -.018 |
| 280 | 357 | -.497 | .111 | -.188 | -1.071 | 280 | 407 | -.219 | .056 | -.023 | -.461 | 280 | 549 | .391 | .149 | .813 | -.203 |
| 280 | 358 | -.363 | .096 | -.086 | -.860 | 280 | 408 | -.292 | .081 | -.022 | -.635 | 280 | 550 | .443 | .155 | .867 | -.142 |
| 280 | 359 | -.381 | .098 | -.081 | -.908 | 280 | 501 | .197 | .108 | .573 | -.120 | 280 | 551 | .456 | .137 | .859 | -.099 |
| 280 | 360 | -.385 | .096 | -.113 | -.845 | 280 | 502 | .332 | .110 | .635 | -.068 | 280 | 552 | .365 | .121 | .752 | -.131 |
| 280 | 361 | -.428 | .109 | -.145 | -.991 | 280 | 503 | .311 | .104 | .591 | -.054 | 280 | 553 | .161 | .099 | .462 | -.277 |
| 280 | 362 | -.447 | .116 | -.088 | -1.048 | 280 | 504 | .276 | .098 | .541 | -.169 | 280 | 554 | -.018 | .102 | .299 | -.611 |
| 280 | 363 | -.425 | .110 | -.081 | -.989 | 280 | 505 | .186 | .094 | .448 | -.138 | 280 | 555 | .119 | .103 | .456 | -.235 |
| 280 | 364 | -.294 | .094 | .034 | -.782 | 280 | 506 | .013 | .071 | .288 | -.244 | 280 | 556 | -.095 | .099 | .211 | -.484 |
| 280 | 365 | -.363 | .080 | -.147 | -.792 | 280 | 507 | .248 | .115 | .679 | -.079 | 280 | 557 | .341 | .121 | .782 | -.049 |
| 280 | 366 | -.363 | .082 | -.150 | -.735 | 280 | 508 | .433 | .127 | .767 | .036 | 280 | 558 | .384 | .123 | .814 | .038 |
| 280 | 367 | -.378 | .087 | -.159 | -.809 | 280 | 509 | .473 | .123 | .853 | .044 | 280 | 559 | .415 | .109 | .775 | .084 |
| 280 | 368 | -.410 | .106 | -.166 | -.821 | 280 | 510 | .417 | .114 | .767 | 0.000 | 280 | 560 | .329 | .103 | .673 | .064 |
| 280 | 369 | -.386 | .088 | -.169 | -.864 | 280 | 511 | .297 | .094 | .618 | -.097 | 280 | 561 | .078 | .079 | .368 | -.183 |
| 280 | 370 | -.390 | .090 | -.162 | -.806 | 280 | 512 | .093 | .075 | .354 | -.170 | 280 | 562 | -.114 | .081 | .170 | -.508 |
| 280 | 371 | -.396 | .099 | -.132 | -.885 | 280 | 513 | .124 | .111 | .656 | -.268 | 280 | 563 | .279 | .124 | .652 | -.041 |
| 280 | 372 | -.406 | .103 | -.103 | -.979 | 280 | 514 | .446 | .119 | .791 | .055 | 280 | 564 | .315 | .127 | .752 | -.015 |
| 280 | 373 | -.385 | .100 | -.106 | -.874 | 280 | 515 | .633 | .129 | 1.022 | .205 | 280 | 565 | .356 | .121 | .744 | .023 |
| 280 | 374 | -.745 | .256 | -.154 | -1.871 | 280 | 516 | .567 | .116 | .957 | .154 | 280 | 566 | .457 | .125 | .837 | .142 |
| 280 | 375 | -.754 | .300 | -.115 | -1.992 | 280 | 517 | .286 | .086 | .548 | -.058 | 280 | 567 | .365 | .122 | .793 | .019 |
| 280 | 376 | -.630 | .202 | -.149 | -1.355 | 280 | 518 | .057 | .071 | .303 | -.346 | 280 | 568 | .110 | .092 | .422 | -.207 |
| 280 | 377 | -.452 | .110 | -.140 | -.864 | 280 | 519 | .098 | .120 | .563 | -.364 | 280 | 569 | -.065 | .086 | .209 | -.484 |
| 280 | 378 | -.369 | .080 | -.137 | -.704 | 280 | 520 | .355 | .126 | .756 | .001 | 280 | 570 | .223 | .120 | .621 | -.082 |
| 280 | 379 | -.387 | .087 | -.138 | -.821 | 280 | 521 | .579 | .137 | .931 | .182 | 280 | 571 | .198 | .156 | .711 | -.319 |
| 280 | 380 | -.602 | .184 | -.149 | -1.398 | 280 | 522 | .516 | .124 | .878 | .105 | 280 | 572 | .240 | .101 | .659 | -.067 |
| 280 | 381 | -.533 | .158 | -.122 | -1.158 | 280 | 523 | .250 | .088 | .515 | -.051 | 280 | 573 | .278 | .103 | .706 | .002 |
| 280 | 382 | -.455 | .124 | -.101 | -1.014 | 280 | 524 | .066 | .071 | .292 | -.240 | 280 | 574 | .159 | .050 | .322 | .045 |
| 280 | 383 | -.436 | .128 | .013 | -.986 | 280 | 525 | .218 | .084 | .508 | -.060 | 280 | 575 | .175 | .093 | .611 | -.024 |
| 280 | 384 | -.365 | .156 | .020 | -.926 | 280 | 526 | .022 | .069 | .274 | -.208 | 280 | 576 | .265 | .099 | .679 | .036 |
| 280 | 385 | -.339 | .108 | -.068 | -.733 | 280 | 527 | .210 | .086 | .544 | -.085 | 280 | 577 | .156 | .194 | .574 | -.739 |
| 280 | 386 | -.352 | .082 | -.097 | -.751 | 280 | 528 | .047 | .073 | .314 | -.194 | 280 | 578 | .079 | .211 | .561 | -.887 |
| 280 | 387 | -.361 | .080 | -.152 | -.658 | 280 | 529 | -.015 | .144 | .463 | -.535 | 280 | 579 | -.093 | .122 | .359 | -.657 |
| 280 | 388 | -.324 | .144 | .015 | -1.300 | 280 | 530 | .209 | .147 | .711 | -.274 | 280 | 580 | -.049 | .100 | .300 | -.439 |
| 280 | 389 | -.347 | .154 | .012 | -1.292 | 280 | 531 | .336 | .123 | .755 | .006 | 280 | 581 | -.019 | .093 | .289 | -.505 |
| 280 | 390 | -.218 | .086 | .203 | -.512 | 280 | 532 | .529 | .129 | .912 | .163 | 280 | 582 | -.147 | .096 | .137 | -.677 |
| 280 | 391 | -.114 | .084 | .225 | -.607 | 280 | 533 | .482 | .121 | .865 | .146 | 280 | 583 | -.058 | .075 | .177 | -.420 |
| 280 | 392 | -.236 | .070 | -.012 | -.511 | 280 | 534 | .177 | .088 | .471 | -.228 | 280 | 584 | -.181 | .087 | .129 | -.564 |
| 280 | 393 | -.317 | .082 | -.100 | -.676 | 280 | 535 | .039 | .080 | .307 | -.255 | 280 | 585 | .077 | .084 | .424 | -.305 |
| 280 | 394 | -.324 | .180 | .126 | -1.093 | 280 | 536 | -.028 | .158 | .680 | -.776 | 280 | 586 | .080 | .065 | .329 | -.210 |
| 280 | 395 | -.265 | .146 | .118 | -.862 | 280 | 537 | .193 | .157 | .804 | -.410 | 280 | 587 | .097 | .050 | .311 | -.053 |
| 280 | 396 | -.002 | .132 | .450 | -.408 | 280 | 538 | .182 | .113 | .608 | -.238 | 280 | 588 | .084 | .053 | .283 | -.077 |
| 280 | 397 | -.202 | .083 | .044 | -.590 | 280 | 539 | .216 | .130 | .631 | -.219 | 280 | 589 | -.082 | .047 | .091 | -.278 |
| 280 | 398 | -.147 | .063 | .046 | -.589 | 280 | 540 | .102 | .113 | .494 | -.363 | 280 | 590 | -.157 | .063 | .079 | -.494 |
| 280 | 399 | -.138 | .046 | .013 | -.363 | 280 | 541 | .198 | .155 | .729 | -.391 | 280 | 591 | .123 | .061 | .362 | -.134 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 280 | 592 | .117 | .063 | .422 | -.132 | 280 | 906 | -.223 | .099 | .076 | -.632 | 300 | 114 | -.166 | .046 | .078 | -.321 |
| 280 | 593 | .163 | .071 | .426 | -.047 | 280 | 907 | -.278 | .067 | -.044 | -.539 | 300 | 115 | -.072 | .052 | .204 | -.350 |
| 280 | 594 | -.038 | .063 | .226 | -.258 | 280 | 908 | -.339 | .086 | -.116 | -.757 | 300 | 116 | -.094 | .129 | .250 | -.836 |
| 280 | 595 | .011 | .089 | .374 | -.240 | 280 | 909 | -.322 | .094 | -.076 | -.903 | 300 | 117 | -.497 | .212 | .328 | -1.403 |
| 280 | 596 | -.036 | .092 | .269 | -.352 | 280 | 910 | -.340 | .101 | -.063 | -1.018 | 300 | 118 | -.590 | .245 | .160 | -1.647 |
| 280 | 597 | -.086 | .098 | .376 | -.460 | 280 | 911 | .479 | .133 | .967 | .028 | 300 | 119 | -.231 | .041 | -.043 | -.384 |
| 280 | 598 | -.012 | .151 | .522 | -.462 | 280 | 912 | .469 | .130 | .946 | .033 | 300 | 120 | -.194 | .040 | .035 | -.362 |
| 280 | 599 | .083 | .137 | .552 | -.378 | 280 | 913 | .382 | .128 | .885 | .012 | 300 | 121 | -.112 | .055 | .077 | -.411 |
| 280 | 600 | .096 | .164 | .660 | -.536 | 280 | 914 | .145 | .094 | .467 | -.190 | 300 | 122 | -.179 | .158 | .146 | -.944 |
| 280 | 701 | -.319 | .139 | -.028 | -1.243 | 280 | 915 | .152 | .090 | .461 | -.169 | 300 | 123 | -.543 | .214 | .259 | -1.291 |
| 280 | 702 | -.260 | .065 | -.038 | -.714 | 280 | 916 | .113 | .091 | .504 | -.232 | 300 | 124 | -.556 | .198 | .312 | -1.299 |
| 280 | 703 | -.303 | .092 | -.060 | -1.024 | 280 | 917 | -.421 | .141 | -.119 | -1.228 | 300 | 125 | -.230 | .039 | -.100 | -.381 |
| 280 | 704 | -.295 | .062 | -.070 | -.715 | 280 | 918 | -.242 | .123 | .261 | -.722 | 300 | 126 | -.205 | .038 | -.070 | -.345 |
| 280 | 705 | -.293 | .069 | -.087 | -.665 | 280 | 919 | -.226 | .116 | .305 | -.615 | 300 | 127 | -.131 | .048 | .023 | -.431 |
| 280 | 706 | -.237 | .099 | .016 | -.754 | 280 | 920 | .490 | .144 | .934 | .136 | 300 | 128 | -.184 | .123 | .099 | -.899 |
| 280 | 707 | -1.066 | .291 | -.188 | -2.196 | 280 | 921 | .467 | .131 | .850 | .124 | 300 | 129 | -.552 | .211 | .095 | -1.409 |
| 280 | 708 | -.775 | .214 | -.142 | -1.750 | 280 | 922 | .443 | .127 | .898 | .070 | 300 | 130 | -.597 | .194 | .094 | -1.472 |
| 280 | 709 | -.888 | .265 | -.250 | -2.481 | 280 | 923 | .078 | .091 | .381 | -.323 | 300 | 131 | -.519 | .198 | .068 | -1.175 |
| 280 | 710 | -.673 | .184 | -.222 | -1.367 | 280 | 924 | .112 | .094 | .384 | -.246 | 300 | 132 | -.566 | .176 | -.013 | -1.285 |
| 280 | 711 | -.447 | .164 | .123 | -1.196 | 280 | 925 | .139 | .096 | .546 | -.243 | 300 | 133 | -.246 | .046 | -.075 | -.417 |
| 280 | 712 | .079 | .197 | .649 | -.683 | 280 | 926 | -.355 | .115 | .030 | -1.263 | 300 | 134 | -.204 | .039 | -.084 | -.377 |
| 280 | 713 | .103 | .116 | .624 | -.257 | 280 | 927 | -.350 | .104 | -.006 | -.980 | 300 | 135 | -.137 | .036 | -.004 | -.299 |
| 280 | 714 | .133 | .077 | .441 | -.105 | 280 | 928 | -.348 | .102 | .021 | -1.006 | 300 | 136 | -.140 | .051 | .010 | -.367 |
| 280 | 715 | .244 | .153 | .690 | -.432 | 280 | 929 | -.469 | .091 | -.243 | -.825 | 300 | 137 | -.425 | .167 | .004 | -1.182 |
| 280 | 716 | .089 | .074 | .483 | -.194 | 280 | 930 | -.498 | .092 | -.268 | -.842 | 300 | 138 | -.508 | .174 | .043 | -1.378 |
| 280 | 717 | -.302 | .068 | -.122 | -.621 | 280 | 931 | -.490 | .096 | -.260 | -.890 | 300 | 139 | -.311 | .116 | -.041 | -.791 |
| 280 | 718 | -.322 | .077 | -.142 | -.864 | 280 | 932 | -.469 | .093 | -.241 | -.840 | 300 | 140 | -.435 | .155 | -.044 | -1.088 |
| 280 | 719 | -.334 | .096 | -.108 | -1.315 | 280 | 933 | -.470 | .099 | -.148 | -.893 | 300 | 141 | -.253 | .055 | -.059 | -.506 |
| 280 | 720 | -.677 | .221 | -.168 | -1.718 | 280 | 934 | -.502 | .114 | -.205 | -1.114 | 300 | 142 | -.208 | .044 | -.064 | -.393 |
| 280 | 721 | -.446 | .135 | -.117 | -1.380 | 280 | 935 | -.478 | .094 | -.225 | -.873 | 300 | 143 | -.153 | .035 | -.026 | -.279 |
| 280 | 722 | -.703 | .239 | -.048 | -1.752 | 280 | 936 | -.454 | .093 | -.121 | -.835 | 300 | 144 | -.145 | .050 | -.013 | -.484 |
| 280 | 723 | -.383 | .116 | -.033 | -.930 | 280 | 937 | -.396 | .091 | -.088 | -.806 | 300 | 145 | -.293 | .114 | -.045 | -.963 |
| 280 | 724 | -.356 | .193 | .073 | -1.288 | 280 | 938 | -.436 | .089 | -.168 | -.852 | 300 | 146 | -.327 | .120 | -.050 | -1.116 |
| 280 | 725 | -.350 | .122 | -.029 | -1.043 | 280 | 939 | -.413 | .101 | -.028 | -.766 | 300 | 147 | -.246 | .056 | -.084 | -.499 |
| 280 | 726 | -.338 | .124 | -.043 | -1.050 | 280 | 940 | -.333 | .088 | -.037 | -.655 | 300 | 148 | -.184 | .044 | -.045 | -.362 |
| 280 | 727 | -.343 | .095 | -.111 | -1.028 | 280 | 941 | -.346 | .079 | .002 | -.604 | 300 | 149 | -.122 | .042 | .062 | -.255 |
| 280 | 728 | -.397 | .112 | -.139 | -1.048 | 280 | 942 | -.367 | .103 | .062 | -.830 | 300 | 150 | -.110 | .052 | .117 | -.364 |
| 280 | 729 | -.326 | .088 | -.128 | -.756 | 300 | 101 | -.163 | .053 | .050 | -.404 | 300 | 151 | -.226 | .103 | .033 | -.694 |
| 280 | 730 | -.391 | .096 | -.159 | -.953 | 300 | 102 | -.098 | .062 | .168 | -.400 | 300 | 152 | -.289 | .142 | .023 | -.918 |
| 280 | 731 | -.391 | .099 | -.174 | -.966 | 300 | 103 | -.054 | .078 | .464 | -.450 | 300 | 153 | -.346 | .091 | -.154 | -.767 |
| 280 | 732 | -.394 | .108 | -.159 | -.948 | 300 | 104 | -.063 | .090 | .340 | -.574 | 300 | 154 | -.330 | .084 | -.153 | -.678 |
| 280 | 733 | -.449 | .120 | -.163 | -.916 | 300 | 105 | -.401 | .225 | .321 | -1.155 | 300 | 155 | -.304 | .091 | .035 | -1.117 |
| 280 | 734 | -.435 | .115 | -.129 | -.984 | 300 | 106 | -.570 | .226 | .612 | -1.605 | 300 | 156 | -.316 | .082 | -.116 | -.854 |
| 280 | 735 | -.028 | .105 | .377 | -.396 | 300 | 107 | -.173 | .047 | .042 | -.353 | 300 | 157 | .303 | .171 | .908 | -.289 |
| 280 | 736 | -.421 | .137 | -.009 | -.884 | 300 | 108 | -.116 | .054 | .139 | -.299 | 300 | 158 | .255 | .191 | .760 | -.423 |
| 280 | 901 | -.211 | .127 | .288 | -.727 | 300 | 109 | -.040 | .074 | .346 | -.404 | 300 | 159 | .212 | .158 | .649 | -.511 |
| 280 | 902 | -.216 | .137 | .361 | -.773 | 300 | 110 | -.023 | .084 | .268 | -.575 | 300 | 160 | .244 | .124 | .742 | -.077 |
| 280 | 903 | -.163 | .071 | .081 | -.645 | 300 | 111 | -.420 | .253 | .310 | -1.373 | 300 | 161 | .163 | .128 | .610 | -.282 |
| 280 | 904 | -.284 | .095 | -.029 | -.738 | 300 | 112 | -.510 | .211 | .269 | -1.676 | 300 | 162 | .095 | .101 | .614 | -.162 |
| 280 | 905 | -.357 | .084 | -.117 | -.736 | 300 | 113 | -.214 | .045 | -.036 | -.375 | 300 | 163 | .056 | .107 | .591 | -.330 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | 164 | .063 | .094 | .422 | -.241 | 300 | 236 | -.304 | .058 | -.168 | -.724 | 300 | 306 | -.286 | .100 | -.034 | -1.084 |
| 300 | 165 | .053 | .065 | .335 | -.128 | 300 | 237 | -.288 | .053 | -.124 | -.600 | 300 | 307 | -.266 | .058 | -.030 | -.559 |
| 300 | 166 | .024 | .063 | .319 | -.292 | 300 | 238 | -.265 | .055 | -.092 | -.500 | 300 | 308 | -.277 | .059 | -.054 | -.611 |
| 300 | 167 | .078 | .066 | .400 | -.079 | 300 | 239 | -.346 | .087 | -.073 | -.799 | 300 | 309 | -.274 | .063 | -.067 | -.654 |
| 300 | 168 | .059 | .060 | .366 | -.202 | 300 | 240 | -.332 | .081 | -.089 | -.738 | 300 | 310 | -.277 | .076 | -.025 | -.987 |
| 300 | 169 | .093 | .068 | .401 | -.114 | 300 | 241 | -.365 | .096 | -.103 | -1.040 | 300 | 311 | -.280 | .087 | -.024 | -1.007 |
| 300 | 170 | .111 | .182 | .693 | -.467 | 300 | 242 | -.347 | .081 | -.107 | -.786 | 300 | 312 | -.220 | .087 | .015 | -.910 |
| 300 | 171 | .078 | .194 | .704 | -.551 | 300 | 243 | -.337 | .068 | -.174 | -.741 | 300 | 313 | -.224 | .052 | -.083 | -.594 |
| 300 | 172 | .085 | .198 | .693 | -.631 | 300 | 244 | -.321 | .079 | -.144 | -.822 | 300 | 314 | -.252 | .057 | -.102 | -.734 |
| 300 | 173 | .151 | .105 | .648 | -.112 | 300 | 245 | -.311 | .077 | -.131 | -.786 | 300 | 315 | -.259 | .054 | -.121 | -.625 |
| 300 | 174 | .107 | .104 | .571 | -.284 | 300 | 246 | -.291 | .071 | -.104 | -.658 | 300 | 316 | -.205 | .055 | -.065 | -.500 |
| 300 | 175 | .152 | .091 | .623 | -.066 | 300 | 247 | -.312 | .080 | -.082 | -.777 | 300 | 317 | -.261 | .062 | -.102 | -.553 |
| 300 | 176 | .105 | .093 | .654 | -.171 | 300 | 248 | -.297 | .078 | -.077 | -.694 | 300 | 318 | -.299 | .072 | -.139 | -.682 |
| 300 | 177 | .187 | .100 | .645 | -.010 | 300 | 249 | -.303 | .075 | -.112 | -.645 | 300 | 319 | -.230 | .049 | -.034 | -.645 |
| 300 | 178 | .127 | .086 | .574 | -.150 | 300 | 250 | -.303 | .062 | -.111 | -.622 | 300 | 320 | -.259 | .050 | -.045 | -.697 |
| 300 | 201 | -.285 | .091 | -.052 | -.907 | 300 | 251 | -.307 | .074 | -.075 | -.758 | 300 | 321 | -.267 | .047 | -.059 | -.531 |
| 300 | 202 | -.269 | .084 | -.060 | -.866 | 300 | 252 | -.311 | .073 | -.108 | -.803 | 300 | 322 | -.220 | .046 | -.032 | -.446 |
| 300 | 203 | -.259 | .072 | -.087 | -.864 | 300 | 253 | -.332 | .065 | -.072 | -.676 | 300 | 323 | -.272 | .061 | -.075 | -.599 |
| 300 | 204 | -.248 | .048 | -.103 | -.496 | 300 | 254 | -.317 | .067 | -.061 | -.708 | 300 | 324 | -.312 | .073 | -.079 | -.796 |
| 300 | 205 | -.236 | .048 | -.077 | -.408 | 300 | 255 | -.347 | .070 | -.147 | -.837 | 300 | 325 | -.267 | .054 | -.111 | -.583 |
| 300 | 206 | -.227 | .048 | -.052 | -.450 | 300 | 256 | -.350 | .081 | -.088 | -.840 | 300 | 326 | -.211 | .054 | -.039 | -.516 |
| 300 | 207 | -.275 | .085 | -.068 | -1.063 | 300 | 257 | -.334 | .068 | -.103 | -.650 | 300 | 327 | -.250 | .045 | -.095 | -.475 |
| 300 | 208 | -.261 | .074 | -.084 | -.770 | 300 | 258 | -.360 | .079 | -.119 | -.999 | 300 | 328 | -.281 | .048 | -.109 | -.570 |
| 300 | 209 | -.264 | .059 | -.115 | -.719 | 300 | 259 | -.336 | .084 | -.037 | -.786 | 300 | 329 | -.273 | .051 | -.103 | -.580 |
| 300 | 210 | -.236 | .050 | -.104 | -.474 | 300 | 260 | -.317 | .082 | -.083 | -.730 | 300 | 330 | -.213 | .052 | -.053 | -.479 |
| 300 | 211 | -.243 | .050 | -.097 | -.460 | 300 | 261 | -.332 | .083 | -.055 | -.811 | 300 | 331 | -.260 | .056 | -.092 | -.582 |
| 300 | 212 | -.238 | .050 | -.096 | -.463 | 300 | 262 | -.367 | .084 | -.093 | -.933 | 300 | 332 | -.307 | .059 | -.149 | -.756 |
| 300 | 213 | -.277 | .058 | -.107 | -.614 | 300 | 263 | -.309 | .080 | -.050 | -.856 | 300 | 333 | -.315 | .059 | -.118 | -.585 |
| 300 | 214 | -.253 | .045 | -.130 | -.436 | 300 | 264 | -.325 | .070 | -.163 | -.657 | 300 | 334 | -.258 | .062 | -.048 | -.547 |
| 300 | 215 | -.267 | .042 | -.152 | -.424 | 300 | 265 | -.377 | .082 | -.174 | -.771 | 300 | 336 | -.305 | .058 | -.151 | -.644 |
| 300 | 216 | -.260 | .042 | -.113 | -.451 | 300 | 266 | -.357 | .076 | -.155 | -.711 | 300 | 337 | -.315 | .056 | -.160 | -.573 |
| 300 | 217 | -.256 | .042 | -.119 | -.423 | 300 | 267 | -.292 | .082 | -.086 | -.774 | 300 | 338 | -.251 | .067 | -.079 | -.608 |
| 300 | 218 | -.234 | .045 | -.078 | -.431 | 300 | 268 | -.330 | .094 | -.044 | -.980 | 300 | 339 | -.319 | .071 | -.146 | -.757 |
| 300 | 219 | -.274 | .049 | -.101 | -.532 | 300 | 269 | -.277 | .126 | -.012 | -.920 | 300 | 340 | -.342 | .070 | -.141 | -.667 |
| 300 | 220 | -.269 | .048 | -.100 | -.472 | 300 | 270 | -.280 | .125 | .003 | -.879 | 300 | 341 | -.348 | .072 | -.158 | -.701 |
| 300 | 221 | -.268 | .041 | -.124 | -.418 | 300 | 271 | -.194 | .096 | .071 | -.638 | 300 | 342 | -.281 | .076 | -.065 | -.645 |
| 300 | 222 | -.258 | .042 | -.121 | -.453 | 300 | 272 | -.263 | .077 | .002 | -.626 | 300 | 343 | -.311 | .079 | -.087 | -.647 |
| 300 | 223 | -.262 | .044 | -.113 | -.561 | 300 | 273 | -.330 | .099 | -.116 | -.778 | 300 | 344 | -.344 | .096 | -.010 | -.815 |
| 300 | 224 | -.258 | .044 | -.108 | -.580 | 300 | 274 | -.329 | .097 | -.098 | -.815 | 300 | 345 | -.335 | .084 | -.032 | -.728 |
| 300 | 225 | -.301 | .059 | -.098 | -.590 | 300 | 275 | -.195 | .130 | .097 | -.678 | 300 | 346 | -.285 | .095 | .076 | -.807 |
| 300 | 226 | -.274 | .048 | -.054 | -.460 | 300 | 276 | -.244 | .131 | .043 | -.723 | 300 | 347 | -.427 | .118 | -.132 | -1.013 |
| 300 | 227 | -.283 | .045 | -.137 | -.484 | 300 | 277 | -.241 | .100 | .050 | -.632 | 300 | 348 | -.425 | .113 | -.054 | -.869 |
| 300 | 228 | -.276 | .043 | -.149 | -.472 | 300 | 278 | -.253 | .097 | .092 | -.659 | 300 | 349 | -.517 | .128 | -.182 | -1.076 |
| 300 | 229 | -.271 | .043 | -.129 | -.473 | 300 | 279 | -.225 | .089 | -.001 | -.647 | 300 | 350 | -.320 | .077 | -.119 | -.776 |
| 300 | 230 | -.262 | .048 | -.114 | -.455 | 300 | 280 | -.272 | .080 | -.010 | -.664 | 300 | 351 | -.341 | .073 | -.141 | -.825 |
| 300 | 231 | -.328 | .071 | -.104 | -.782 | 300 | 301 | -.290 | .061 | -.080 | -.767 | 300 | 352 | -.353 | .080 | -.128 | -.760 |
| 300 | 232 | -.323 | .060 | -.133 | -.594 | 300 | 302 | -.292 | .069 | -.022 | -.652 | 300 | 353 | -.400 | .106 | -.123 | -.898 |
| 300 | 233 | -.354 | .082 | -.110 | -.803 | 300 | 303 | -.235 | .075 | .045 | -.769 | 300 | 354 | -.421 | .112 | -.130 | -.931 |
| 300 | 234 | -.319 | .066 | -.123 | -.634 | 300 | 304 | -.252 | .077 | .005 | -.730 | 300 | 355 | -.325 | .073 | -.134 | -.622 |
| 300 | 235 | -.315 | .061 | -.123 | -.602 | 300 | 305 | -.280 | .094 | -.022 | -1.016 | 300 | 356 | -.304 | .073 | -.117 | -.640 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | 357 | -.349 | .066 | -.166 | -.657 | 300 | 407 | -.202 | .074 | .035 | -.478 | 300 | 549 | .416 | .169 | .986 | -.455 |
| 300 | 358 | -.331 | .061 | -.171 | -.666 | 300 | 408 | -.235 | .096 | .082 | -.585 | 300 | 550 | .425 | .180 | 1.027 | -.534 |
| 300 | 359 | -.344 | .069 | -.127 | -.802 | 300 | 501 | .380 | .178 | .960 | -.383 | 300 | 551 | .346 | .156 | .784 | -.369 |
| 300 | 360 | -.324 | .075 | -.138 | -.821 | 300 | 502 | .404 | .166 | .902 | -.267 | 300 | 552 | .239 | .126 | .595 | -.336 |
| 300 | 361 | -.320 | .072 | -.147 | -.853 | 300 | 503 | .303 | .130 | .701 | -.163 | 300 | 553 | .071 | .087 | .328 | -.388 |
| 300 | 362 | -.324 | .076 | -.142 | -.844 | 300 | 504 | .199 | .101 | .619 | -.303 | 300 | 554 | -.050 | .080 | .199 | -.515 |
| 300 | 363 | -.329 | .070 | -.156 | -.699 | 300 | 505 | .128 | .093 | .448 | -.400 | 300 | 555 | .066 | .083 | .366 | -.258 |
| 300 | 364 | -.300 | .063 | -.131 | -.548 | 300 | 506 | -.042 | .063 | .249 | -.321 | 300 | 556 | -.090 | .075 | .158 | -.433 |
| 300 | 365 | -.350 | .068 | -.183 | -.737 | 300 | 507 | .431 | .182 | 1.024 | -.305 | 300 | 557 | .327 | .150 | .877 | -.036 |
| 300 | 366 | -.338 | .066 | -.168 | -.705 | 300 | 508 | .498 | .170 | 1.006 | -.142 | 300 | 558 | .345 | .156 | .926 | -.017 |
| 300 | 367 | -.346 | .072 | -.178 | -.917 | 300 | 509 | .431 | .142 | .907 | -.313 | 300 | 559 | .321 | .124 | .843 | .019 |
| 300 | 368 | -.345 | .072 | -.148 | -.680 | 300 | 510 | .327 | .111 | .694 | -.184 | 300 | 560 | .219 | .097 | .649 | -.063 |
| 300 | 369 | -.341 | .071 | -.167 | -.825 | 300 | 511 | .202 | .090 | .529 | -.325 | 300 | 561 | .021 | .063 | .276 | -.152 |
| 300 | 370 | -.356 | .084 | -.149 | -.715 | 300 | 512 | .039 | .072 | .265 | -.409 | 300 | 562 | -.099 | .058 | .138 | -.372 |
| 300 | 371 | -.363 | .094 | -.111 | -.844 | 300 | 513 | .204 | .144 | .701 | -.280 | 300 | 563 | .189 | .130 | .720 | -.083 |
| 300 | 372 | -.368 | .096 | -.115 | -.818 | 300 | 514 | .432 | .161 | .862 | -.151 | 300 | 564 | .211 | .139 | .790 | -.103 |
| 300 | 373 | -.351 | .089 | -.046 | -.722 | 300 | 515 | .532 | .161 | 1.066 | -.103 | 300 | 565 | .298 | .146 | .890 | -.054 |
| 300 | 374 | -.572 | .228 | -.156 | -1.557 | 300 | 516 | .433 | .127 | .804 | -.144 | 300 | 566 | .346 | .114 | .738 | .018 |
| 300 | 375 | -.568 | .234 | -.111 | -1.686 | 300 | 517 | .160 | .080 | .461 | -.264 | 300 | 567 | .254 | .102 | .648 | -.068 |
| 300 | 376 | -.445 | .113 | -.132 | -1.074 | 300 | 518 | -.012 | .067 | .262 | -.566 | 300 | 568 | .057 | .069 | .307 | -.175 |
| 300 | 377 | -.364 | .075 | -.149 | -.727 | 300 | 519 | .172 | .142 | .771 | -.313 | 300 | 569 | -.077 | .063 | .142 | -.347 |
| 300 | 378 | -.347 | .074 | -.149 | -.753 | 300 | 520 | .383 | .163 | .997 | -.195 | 300 | 570 | .142 | .112 | .591 | -.168 |
| 300 | 379 | -.357 | .075 | -.131 | -.748 | 300 | 521 | .510 | .148 | .966 | -.014 | 300 | 571 | .138 | .169 | .832 | -.404 |
| 300 | 380 | -.515 | .165 | -.111 | -1.350 | 300 | 522 | .414 | .124 | .818 | -.041 | 300 | 572 | .126 | .090 | .562 | -.111 |
| 300 | 381 | -.492 | .151 | -.136 | -1.283 | 300 | 523 | .153 | .081 | .421 | -.289 | 300 | 573 | .165 | .109 | .716 | -.096 |
| 300 | 382 | -.426 | .127 | -.112 | -1.123 | 300 | 524 | .006 | .064 | .202 | -.414 | 300 | 574 | .130 | .045 | .298 | .026 |
| 300 | 383 | -.418 | .133 | -.099 | -1.134 | 300 | 525 | .126 | .075 | .380 | -.213 | 300 | 575 | .166 | .103 | .693 | -.038 |
| 300 | 384 | -.380 | .123 | -.058 | -.866 | 300 | 526 | -.033 | .058 | .163 | -.447 | 300 | 576 | .206 | .103 | .775 | -.005 |
| 300 | 385 | -.342 | .087 | -.074 | -.754 | 300 | 527 | .128 | .072 | .378 | -.157 | 300 | 577 | .034 | .210 | .616 | -.836 |
| 300 | 386 | -.325 | .075 | -.121 | -.617 | 300 | 528 | .001 | .057 | .223 | -.287 | 300 | 578 | -.024 | .222 | .496 | -1.013 |
| 300 | 387 | -.356 | .078 | -.144 | -.686 | 300 | 529 | .155 | .131 | .572 | -.270 | 300 | 579 | -.163 | .133 | .310 | -.703 |
| 300 | 388 | -.363 | .165 | .036 | -1.304 | 300 | 530 | .299 | .140 | .818 | -.108 | 300 | 580 | -.133 | .090 | .151 | -.655 |
| 300 | 389 | -.374 | .158 | .019 | -1.252 | 300 | 531 | .409 | .146 | .918 | -.023 | 300 | 581 | -.147 | .110 | .170 | -.523 |
| 300 | 390 | -.233 | .076 | .050 | -.491 | 300 | 532 | .465 | .135 | .948 | -.133 | 300 | 582 | -.240 | .119 | .085 | -.713 |
| 300 | 391 | -.185 | .089 | .073 | -.598 | 300 | 533 | .373 | .114 | .796 | -.125 | 300 | 583 | -.150 | .088 | .117 | -.501 |
| 300 | 392 | -.264 | .071 | -.094 | -.628 | 300 | 534 | .104 | .079 | .327 | -.280 | 300 | 584 | -.244 | .108 | .038 | -.763 |
| 300 | 393 | -.312 | .076 | -.120 | -.653 | 300 | 535 | -.001 | .063 | .201 | -.312 | 300 | 585 | .063 | .092 | .509 | -.269 |
| 300 | 394 | -.285 | .131 | .016 | -.901 | 300 | 536 | .153 | .147 | .725 | -.295 | 300 | 586 | .061 | .071 | .402 | -.187 |
| 300 | 395 | -.287 | .127 | .049 | -.929 | 300 | 537 | .300 | .158 | .899 | -.171 | 300 | 587 | .033 | .045 | .223 | -.169 |
| 300 | 396 | -.059 | .104 | .395 | -.467 | 300 | 538 | .166 | .125 | .716 | -.191 | 300 | 588 | -.019 | .042 | .158 | -.173 |
| 300 | 397 | -.213 | .084 | .020 | -.625 | 300 | 539 | .275 | .130 | .735 | -.074 | 300 | 589 | -.125 | .047 | .047 | -.326 |
| 300 | 398 | -.174 | .065 | .014 | -.468 | 300 | 540 | .067 | .102 | .450 | -.236 | 300 | 590 | -.195 | .068 | .040 | -.500 |
| 300 | 399 | -.186 | .050 | -.051 | -.466 | 300 | 541 | .159 | .128 | .709 | -.190 | 300 | 591 | .043 | .075 | .432 | -.252 |
| 300 | 400 | -.217 | .057 | -.029 | -.445 | 300 | 542 | .114 | .118 | .531 | -.219 | 300 | 592 | .057 | .063 | .364 | -.248 |
| 300 | 401 | -.216 | .079 | .001 | -.484 | 300 | 543 | .004 | .072 | .399 | -.279 | 300 | 593 | .048 | .049 | .355 | -.103 |
| 300 | 402 | -.234 | .086 | .028 | -.564 | 300 | 544 | .058 | .082 | .507 | -.215 | 300 | 594 | -.077 | .045 | .092 | -.282 |
| 300 | 403 | -.165 | .092 | .109 | -.564 | 300 | 545 | .023 | .079 | .406 | -.183 | 300 | 595 | -.066 | .061 | .176 | -.315 |
| 300 | 404 | -.118 | .062 | .152 | -.416 | 300 | 546 | .089 | .080 | .510 | -.094 | 300 | 596 | -.124 | .074 | .148 | -.411 |
| 300 | 405 | -.138 | .045 | .024 | -.328 | 300 | 547 | .038 | .067 | .385 | -.163 | 300 | 597 | -.152 | .081 | .148 | -.443 |
| 300 | 406 | -.158 | .046 | .023 | -.342 | 300 | 548 | .136 | .079 | .502 | -.065 | 300 | 598 | -.095 | .118 | .515 | -.566 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | 599 | .020 | .093 | .420 | -.259 | 300 | 913 | .309 | .115 | .787 | -.010 | 320 | 121 | .068 | .140 | .705 | -.352 |
| 300 | 600 | .006 | .118 | .571 | -.379 | 300 | 914 | .124 | .084 | .401 | -.229 | 320 | 122 | .092 | .126 | .780 | -.256 |
| 300 | 701 | -.330 | .091 | .027 | -.754 | 300 | 915 | .155 | .087 | .434 | -.199 | 320 | 123 | .046 | .101 | .728 | -.524 |
| 300 | 702 | -.230 | .051 | -.033 | -.458 | 300 | 916 | .165 | .093 | .620 | -.143 | 320 | 124 | .009 | .091 | .658 | -.522 |
| 300 | 703 | -.261 | .046 | -.135 | -.504 | 300 | 917 | -.312 | .080 | -.073 | -.788 | 320 | 125 | -.101 | .071 | .177 | -.466 |
| 300 | 704 | -.268 | .043 | -.115 | -.474 | 300 | 918 | -.304 | .067 | -.055 | -.654 | 320 | 126 | -.059 | .084 | .321 | -.447 |
| 300 | 705 | -.276 | .055 | -.075 | -.506 | 300 | 919 | -.298 | .065 | -.092 | -.644 | 320 | 127 | .017 | .107 | .511 | -.228 |
| 300 | 706 | -.311 | .082 | -.107 | -.751 | 300 | 920 | .485 | .150 | .954 | -.231 | 320 | 128 | .022 | .107 | .715 | -.266 |
| 300 | 707 | -.175 | .281 | .768 | -1.742 | 300 | 921 | .440 | .152 | .880 | -.743 | 320 | 129 | .021 | .098 | .620 | -.449 |
| 300 | 708 | -.521 | .260 | .378 | -1.469 | 300 | 922 | .354 | .122 | .761 | -.126 | 320 | 130 | -.007 | .094 | .507 | -.404 |
| 300 | 709 | -.574 | .245 | .256 | -1.583 | 300 | 923 | .073 | .082 | .313 | -.274 | 320 | 131 | -.036 | .079 | .334 | -.401 |
| 300 | 710 | -.453 | .215 | .175 | -1.406 | 300 | 924 | .122 | .084 | .399 | -.224 | 320 | 132 | -.031 | .079 | .339 | -.375 |
| 300 | 711 | -.406 | .191 | .164 | -1.250 | 300 | 925 | .145 | .103 | .544 | -.302 | 320 | 133 | -.160 | .061 | .063 | -.437 |
| 300 | 712 | .292 | .157 | .792 | -.231 | 300 | 926 | -.278 | .065 | -.134 | -1.252 | 320 | 134 | -.123 | .065 | .221 | -.314 |
| 300 | 713 | .058 | .127 | .535 | -.328 | 300 | 927 | -.282 | .055 | -.145 | -.881 | 320 | 135 | -.060 | .064 | .284 | -.254 |
| 300 | 714 | .107 | .079 | .483 | -.101 | 300 | 928 | -.253 | .054 | -.124 | -.845 | 320 | 136 | -.056 | .054 | .192 | -.305 |
| 300 | 715 | .169 | .171 | .873 | -.477 | 300 | 929 | -.441 | .109 | -.090 | -1.063 | 320 | 137 | -.056 | .076 | .250 | -.491 |
| 300 | 716 | .083 | .113 | .631 | -.291 | 300 | 930 | -.440 | .103 | -.065 | -1.117 | 320 | 138 | -.070 | .072 | .353 | -.381 |
| 300 | 717 | -.222 | .074 | .010 | -.692 | 300 | 931 | -.423 | .093 | .001 | -.873 | 320 | 139 | -.077 | .061 | .097 | -.360 |
| 300 | 718 | -.273 | .069 | -.111 | -1.375 | 300 | 932 | -.375 | .107 | .111 | -.954 | 320 | 140 | -.092 | .079 | .103 | -.527 |
| 300 | 719 | -.280 | .061 | -.112 | -.758 | 300 | 933 | -.426 | .097 | .087 | -.960 | 320 | 141 | -.162 | .045 | -.015 | -.372 |
| 300 | 720 | -.370 | .126 | -.076 | -1.169 | 300 | 934 | -.272 | .153 | .175 | -.862 | 320 | 142 | -.118 | .039 | .015 | -.273 |
| 300 | 721 | -.328 | .083 | -.057 | -.859 | 300 | 935 | -.407 | .096 | .030 | -.756 | 320 | 143 | -.074 | .038 | .095 | -.187 |
| 300 | 722 | -.590 | .222 | -.076 | -1.547 | 300 | 936 | -.339 | .088 | .092 | -.710 | 320 | 144 | -.053 | .043 | .108 | -.285 |
| 300 | 723 | -.383 | .136 | -.061 | -1.122 | 300 | 937 | -.224 | .123 | .046 | -.688 | 320 | 145 | -.090 | .071 | .141 | -.538 |
| 300 | 724 | -.335 | .142 | .014 | -1.032 | 300 | 938 | -.230 | .091 | .013 | -.558 | 320 | 146 | -.093 | .076 | .139 | -.549 |
| 300 | 725 | -.258 | .097 | -.032 | -1.018 | 300 | 939 | -.287 | .080 | -.033 | -.557 | 320 | 147 | -.129 | .053 | .055 | -.427 |
| 300 | 726 | -.229 | .064 | -.050 | -.516 | 300 | 940 | -.196 | .075 | .078 | -.626 | 320 | 148 | -.078 | .048 | .175 | -.275 |
| 300 | 727 | -.286 | .059 | -.119 | -.538 | 300 | 941 | -.105 | .069 | .070 | -.360 | 320 | 149 | -.045 | .050 | .220 | -.225 |
| 300 | 728 | -.345 | .077 | -.091 | -.785 | 300 | 942 | -.200 | .078 | .087 | -.475 | 320 | 150 | -.038 | .050 | .170 | -.236 |
| 300 | 729 | -.307 | .093 | -.000 | -.820 | 320 | 101 | -.030 | .107 | .341 | -.468 | 320 | 151 | -.089 | .078 | .214 | -.521 |
| 300 | 730 | -.320 | .060 | -.096 | -.607 | 320 | 102 | .053 | .140 | .535 | -.456 | 320 | 152 | -.112 | .107 | .204 | -.623 |
| 300 | 731 | -.345 | .075 | -.142 | -.772 | 320 | 103 | .115 | .177 | .661 | -.363 | 320 | 153 | -.181 | .071 | .115 | -.499 |
| 300 | 732 | -.360 | .086 | -.082 | -.772 | 320 | 104 | .143 | .195 | .776 | -.558 | 320 | 154 | -.173 | .053 | -.012 | -.431 |
| 300 | 733 | -.377 | .093 | -.125 | -.963 | 320 | 105 | .161 | .209 | .954 | -.501 | 320 | 155 | -.091 | .100 | .415 | -.496 |
| 300 | 734 | -.388 | .091 | -.112 | -.984 | 320 | 106 | .142 | .251 | .833 | -1.101 | 320 | 156 | -.126 | .076 | .378 | -.423 |
| 300 | 735 | -.076 | .080 | .257 | -.465 | 320 | 107 | -.039 | .102 | .275 | -.579 | 320 | 157 | .023 | .100 | .475 | -.430 |
| 300 | 736 | -.250 | .118 | .027 | -1.058 | 320 | 108 | .048 | .138 | .466 | -.515 | 320 | 158 | .032 | .106 | .678 | -.753 |
| 300 | 901 | -.268 | .114 | .146 | -.715 | 320 | 109 | .146 | .194 | .753 | -.492 | 320 | 159 | .009 | .100 | .481 | -.743 |
| 300 | 902 | -.276 | .124 | .184 | -.873 | 320 | 110 | .171 | .198 | .882 | -.417 | 320 | 160 | .013 | .059 | .345 | -.194 |
| 300 | 903 | -.194 | .085 | .069 | -.540 | 320 | 111 | .157 | .209 | .815 | -.518 | 320 | 161 | .001 | .056 | .319 | -.247 |
| 300 | 904 | -.315 | .093 | -.081 | -.732 | 320 | 112 | .111 | .237 | .822 | -.998 | 320 | 162 | .007 | .053 | .346 | -.181 |
| 300 | 905 | -.331 | .080 | -.114 | -.742 | 320 | 113 | -.099 | .094 | .278 | -.459 | 320 | 163 | .005 | .058 | .361 | -.224 |
| 300 | 906 | -.246 | .094 | .006 | -.849 | 320 | 114 | -.020 | .121 | .371 | -.361 | 320 | 164 | .004 | .051 | .299 | -.261 |
| 300 | 907 | -.253 | .068 | -.052 | -.631 | 320 | 115 | .100 | .163 | .705 | -.261 | 320 | 165 | -.002 | .047 | .275 | -.199 |
| 300 | 908 | -.349 | .068 | -.165 | -.717 | 320 | 116 | .132 | .155 | .794 | -.280 | 320 | 166 | -.015 | .043 | .177 | -.252 |
| 300 | 909 | -.298 | .061 | -.132 | -.700 | 320 | 117 | .077 | .143 | .781 | -.702 | 320 | 167 | .008 | .043 | .283 | -.104 |
| 300 | 910 | -.314 | .069 | -.148 | -.840 | 320 | 118 | .019 | .135 | .601 | -.741 | 320 | 168 | -.002 | .038 | .187 | -.137 |
| 300 | 911 | .413 | .143 | .951 | -.014 | 320 | 119 | -.088 | .093 | .261 | -.435 | 320 | 169 | .001 | .043 | .201 | -.134 |
| 300 | 912 | .384 | .122 | .736 | .018 | 320 | 120 | -.023 | .112 | .416 | -.347 | 320 | 170 | .039 | .079 | .438 | -.248 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 320 | 171 | .024 | .075 | .354 | -.288 | 320 | 243 | -.193 | .060 | .060 | -.470 | 320 | 313 | -.166 | .054 | -.019 | -.524 |
| 320 | 172 | .015 | .071 | .362 | -.257 | 320 | 244 | -.190 | .051 | -.041 | -.405 | 320 | 314 | -.192 | .059 | -.032 | -.627 |
| 320 | 173 | .038 | .074 | .384 | -.125 | 320 | 245 | -.193 | .069 | -.047 | -.732 | 320 | 315 | -.196 | .058 | -.058 | -.539 |
| 320 | 174 | .024 | .068 | .412 | -.215 | 320 | 246 | -.206 | .061 | -.054 | -.510 | 320 | 316 | -.129 | .049 | .010 | -.434 |
| 320 | 175 | .043 | .077 | .445 | -.092 | 320 | 247 | -.147 | .065 | .230 | -.358 | 320 | 317 | -.184 | .053 | -.038 | -.531 |
| 320 | 176 | .013 | .074 | .431 | -.214 | 320 | 248 | -.194 | .072 | .003 | -.595 | 320 | 318 | -.219 | .061 | -.051 | -.639 |
| 320 | 177 | .074 | .082 | .486 | -.093 | 320 | 249 | -.184 | .066 | -.030 | -.650 | 320 | 319 | -.188 | .070 | -.029 | -.663 |
| 320 | 178 | .064 | .075 | .477 | -.079 | 320 | 250 | -.203 | .042 | -.061 | -.489 | 320 | 320 | -.218 | .074 | -.051 | -.703 |
| 320 | 201 | -.212 | .082 | -.030 | -.840 | 320 | 251 | -.198 | .046 | -.060 | -.415 | 320 | 321 | -.231 | .076 | -.056 | -.663 |
| 320 | 202 | -.196 | .072 | -.031 | -.563 | 320 | 252 | -.190 | .043 | -.044 | -.363 | 320 | 322 | -.152 | .052 | -.020 | -.443 |
| 320 | 203 | -.190 | .078 | .048 | -.696 | 320 | 253 | -.173 | .041 | -.058 | -.400 | 320 | 323 | -.176 | .042 | -.058 | -.450 |
| 320 | 204 | -.189 | .080 | .033 | -.584 | 320 | 254 | -.173 | .037 | -.057 | -.334 | 320 | 324 | -.206 | .048 | -.044 | -.534 |
| 320 | 205 | -.199 | .074 | .008 | -.525 | 320 | 255 | -.172 | .043 | -.056 | -.389 | 320 | 325 | -.225 | .081 | -.070 | -.741 |
| 320 | 206 | -.192 | .069 | .010 | -.496 | 320 | 256 | -.167 | .045 | -.049 | -.383 | 320 | 326 | -.178 | .080 | -.013 | -.688 |
| 320 | 207 | -.212 | .081 | -.036 | -.741 | 320 | 257 | -.152 | .037 | -.029 | -.312 | 320 | 327 | -.231 | .093 | -.043 | -.878 |
| 320 | 208 | -.198 | .076 | -.024 | -.667 | 320 | 258 | -.122 | .046 | .033 | -.348 | 320 | 328 | -.265 | .101 | -.044 | -.884 |
| 320 | 209 | -.179 | .072 | .002 | -.664 | 320 | 259 | -.115 | .044 | .057 | -.338 | 320 | 329 | -.256 | .103 | -.009 | -.922 |
| 320 | 210 | -.192 | .078 | -.002 | -.637 | 320 | 260 | -.100 | .040 | .017 | -.290 | 320 | 330 | -.200 | .101 | .036 | -.904 |
| 320 | 211 | -.196 | .076 | -.005 | -.622 | 320 | 261 | -.115 | .040 | .032 | -.282 | 320 | 331 | -.204 | .066 | .038 | -.629 |
| 320 | 212 | -.191 | .075 | .010 | -.586 | 320 | 262 | -.182 | .049 | -.004 | -.383 | 320 | 332 | -.228 | .057 | -.029 | -.487 |
| 320 | 213 | -.208 | .068 | -.051 | -.736 | 320 | 263 | -.118 | .048 | .036 | -.328 | 320 | 333 | -.189 | .040 | -.065 | -.370 |
| 320 | 214 | -.212 | .062 | -.059 | -.740 | 320 | 264 | -.154 | .044 | -.000 | -.400 | 320 | 334 | -.145 | .043 | -.011 | -.381 |
| 320 | 215 | -.210 | .065 | -.041 | -.614 | 320 | 265 | -.161 | .053 | .015 | -.392 | 320 | 336 | -.192 | .040 | -.047 | -.343 |
| 320 | 216 | -.207 | .077 | -.019 | -.712 | 320 | 266 | -.151 | .048 | .005 | -.385 | 320 | 337 | -.191 | .039 | -.080 | -.383 |
| 320 | 217 | -.197 | .084 | -.009 | -.921 | 320 | 267 | -.078 | .048 | .109 | -.310 | 320 | 338 | -.113 | .037 | .003 | -.298 |
| 320 | 218 | -.204 | .077 | .044 | -.819 | 320 | 268 | -.113 | .043 | .060 | -.283 | 320 | 339 | -.160 | .038 | -.048 | -.333 |
| 320 | 219 | -.217 | .068 | -.077 | -.677 | 320 | 269 | -.096 | .049 | .073 | -.308 | 320 | 340 | -.155 | .039 | -.029 | -.352 |
| 320 | 220 | -.210 | .064 | -.056 | -.584 | 320 | 270 | -.097 | .048 | .057 | -.334 | 320 | 341 | -.155 | .040 | -.036 | -.380 |
| 320 | 221 | -.194 | .064 | -.030 | -.517 | 320 | 271 | -.052 | .042 | .102 | -.257 | 320 | 342 | -.110 | .041 | .001 | -.319 |
| 320 | 222 | -.211 | .080 | .003 | -.828 | 320 | 272 | -.122 | .049 | .024 | -.443 | 320 | 343 | -.101 | .039 | .055 | -.242 |
| 320 | 223 | -.206 | .086 | .014 | -.890 | 320 | 273 | -.186 | .061 | -.005 | -.705 | 320 | 344 | -.135 | .044 | .015 | -.343 |
| 320 | 224 | -.203 | .085 | -.007 | -.944 | 320 | 274 | -.196 | .070 | -.004 | -.888 | 320 | 345 | -.116 | .041 | .049 | -.283 |
| 320 | 225 | -.217 | .071 | -.040 | -.741 | 320 | 275 | -.009 | .048 | .132 | -.354 | 320 | 346 | -.082 | .043 | .079 | -.271 |
| 320 | 226 | -.213 | .060 | -.064 | -.479 | 320 | 276 | -.052 | .053 | .112 | -.304 | 320 | 347 | -.233 | .088 | -.048 | -.866 |
| 320 | 227 | -.210 | .067 | -.036 | -.710 | 320 | 277 | -.080 | .043 | .064 | -.321 | 320 | 348 | -.217 | .069 | -.056 | -.575 |
| 320 | 228 | -.204 | .087 | .038 | -.989 | 320 | 278 | -.121 | .048 | .047 | -.344 | 320 | 349 | -.248 | .090 | -.044 | -.932 |
| 320 | 229 | -.191 | .095 | .024 | -1.005 | 320 | 279 | -.077 | .051 | .102 | -.312 | 320 | 350 | -.188 | .057 | -.005 | -.452 |
| 320 | 230 | -.204 | .084 | .034 | -.692 | 320 | 280 | -.136 | .083 | .060 | -.689 | 320 | 351 | -.209 | .053 | -.037 | -.468 |
| 320 | 231 | -.229 | .072 | -.048 | -.593 | 320 | 301 | -.179 | .059 | .025 | -.450 | 320 | 352 | -.210 | .054 | -.024 | -.490 |
| 320 | 232 | -.231 | .069 | -.058 | -.590 | 320 | 302 | -.183 | .061 | -.002 | -.453 | 320 | 353 | -.221 | .071 | -.046 | -.567 |
| 320 | 233 | -.206 | .076 | -.033 | -.624 | 320 | 303 | -.129 | .067 | .079 | -.676 | 320 | 354 | -.228 | .072 | -.033 | -.600 |
| 320 | 234 | -.202 | .062 | -.016 | -.551 | 320 | 304 | -.160 | .057 | .002 | -.433 | 320 | 355 | -.234 | .070 | -.028 | -.648 |
| 320 | 235 | -.219 | .067 | -.017 | -.528 | 320 | 305 | -.198 | .070 | -.012 | -.810 | 320 | 356 | -.257 | .072 | -.062 | -.664 |
| 320 | 236 | -.216 | .080 | .014 | -.720 | 320 | 306 | -.207 | .077 | -.031 | -.876 | 320 | 357 | -.232 | .064 | -.075 | -.531 |
| 320 | 237 | -.196 | .082 | .012 | -.615 | 320 | 307 | -.179 | .059 | .015 | -.475 | 320 | 358 | -.202 | .054 | -.043 | -.586 |
| 320 | 238 | -.207 | .079 | .010 | -.759 | 320 | 308 | -.188 | .060 | -.001 | -.477 | 320 | 359 | -.192 | .047 | -.019 | -.384 |
| 320 | 239 | -.186 | .082 | .014 | -.744 | 320 | 309 | -.183 | .064 | -.013 | -.646 | 320 | 360 | -.216 | .051 | -.033 | -.459 |
| 320 | 240 | -.173 | .069 | .017 | -.560 | 320 | 310 | -.187 | .061 | -.005 | -.585 | 320 | 361 | -.240 | .076 | -.060 | -.680 |
| 320 | 241 | -.193 | .082 | .024 | -.687 | 320 | 311 | -.197 | .064 | .010 | -.646 | 320 | 362 | -.246 | .080 | -.043 | -.755 |
| 320 | 242 | -.189 | .071 | -.009 | -.587 | 320 | 312 | -.136 | .066 | .052 | -.531 | 320 | 363 | -.218 | .055 | -.045 | -.463 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 320 | 364 | -.232 | .054 | -.076 | -.604 | 320 | 506 | -.060 | .075 | .252 | -.418 | 320 | 556 | -.143 | .067 | .150 | -.459 |
| 320 | 365 | -.213 | .049 | -.042 | -.397 | 320 | 507 | .034 | .274 | .748 | -1.377 | 320 | 557 | -.019 | .083 | .369 | -.440 |
| 320 | 366 | -.187 | .049 | -.053 | -.415 | 320 | 508 | .100 | .232 | .748 | -.851 | 320 | 558 | -.001 | .081 | .433 | -.346 |
| 320 | 367 | -.186 | .053 | -.045 | -.474 | 320 | 509 | .119 | .155 | .665 | -.453 | 320 | 559 | .011 | .074 | .356 | -.221 |
| 320 | 368 | -.179 | .046 | -.055 | -.370 | 320 | 510 | .095 | .136 | .508 | -.334 | 320 | 560 | -.023 | .067 | .349 | -.208 |
| 320 | 369 | -.195 | .053 | -.062 | -.485 | 320 | 511 | .002 | .108 | .330 | -.344 | 320 | 561 | -.100 | .051 | .142 | -.251 |
| 320 | 370 | -.150 | .048 | .008 | -.370 | 320 | 512 | -.055 | .086 | .288 | -.396 | 320 | 562 | -.148 | .053 | .074 | -.392 |
| 320 | 371 | -.156 | .053 | .040 | -.407 | 320 | 513 | -.045 | .191 | .516 | -.973 | 320 | 563 | .020 | .076 | .523 | -.284 |
| 320 | 372 | -.137 | .047 | .024 | -.361 | 320 | 514 | .001 | .187 | .486 | -.948 | 320 | 564 | .030 | .084 | .561 | -.318 |
| 320 | 373 | -.146 | .042 | -.005 | -.369 | 320 | 515 | .036 | .111 | .486 | -.727 | 320 | 565 | .025 | .081 | .515 | -.251 |
| 320 | 374 | -.239 | .073 | -.063 | -.541 | 320 | 516 | .018 | .091 | .565 | -.237 | 320 | 566 | .024 | .076 | .385 | -.209 |
| 320 | 375 | -.240 | .072 | -.057 | -.560 | 320 | 517 | -.067 | .071 | .423 | -.321 | 320 | 567 | -.012 | .064 | .326 | -.162 |
| 320 | 376 | -.223 | .058 | -.045 | -.482 | 320 | 518 | -.121 | .061 | .137 | -.411 | 320 | 568 | -.090 | .055 | .159 | -.300 |
| 320 | 377 | -.225 | .049 | -.062 | -.404 | 320 | 519 | -.083 | .164 | .261 | -.962 | 320 | 569 | -.141 | .058 | .056 | -.438 |
| 320 | 378 | -.186 | .046 | -.032 | -.359 | 320 | 520 | -.055 | .146 | .300 | -.920 | 320 | 570 | .019 | .060 | .397 | -.148 |
| 320 | 379 | -.194 | .046 | -.038 | -.428 | 320 | 521 | -.002 | .076 | .279 | -.432 | 320 | 571 | .040 | .085 | .577 | -.232 |
| 320 | 380 | -.250 | .076 | -.040 | -.610 | 320 | 522 | -.019 | .064 | .265 | -.255 | 320 | 572 | .021 | .055 | .297 | -.176 |
| 320 | 381 | -.244 | .071 | .002 | -.527 | 320 | 523 | -.088 | .056 | .194 | -.288 | 320 | 573 | .041 | .071 | .462 | -.140 |
| 320 | 382 | -.263 | .076 | -.057 | -.735 | 320 | 524 | -.130 | .054 | .106 | -.390 | 320 | 574 | .021 | .024 | .112 | -.066 |
| 320 | 383 | -.254 | .074 | -.051 | -.588 | 320 | 525 | -.094 | .055 | .260 | -.263 | 320 | 575 | .048 | .072 | .556 | -.107 |
| 320 | 384 | -.229 | .058 | -.060 | -.469 | 320 | 526 | -.147 | .055 | .110 | -.384 | 320 | 576 | .085 | .079 | .490 | -.064 |
| 320 | 385 | -.164 | .045 | -.024 | -.342 | 320 | 527 | -.083 | .061 | .238 | -.286 | 320 | 577 | -.003 | .100 | .450 | -.386 |
| 320 | 386 | -.156 | .041 | -.005 | -.312 | 320 | 528 | -.131 | .059 | .132 | -.420 | 320 | 578 | -.003 | .084 | .385 | -.304 |
| 320 | 387 | -.147 | .041 | -.037 | -.318 | 320 | 529 | -.014 | .087 | .258 | -.429 | 320 | 579 | -.040 | .062 | .211 | -.730 |
| 320 | 388 | -.233 | .083 | -.036 | -.638 | 320 | 530 | -.005 | .089 | .326 | -.464 | 320 | 580 | -.071 | .051 | .176 | -.401 |
| 320 | 389 | -.225 | .076 | -.026 | -.610 | 320 | 531 | .013 | .072 | .289 | -.424 | 320 | 581 | -.111 | .052 | .121 | -.353 |
| 320 | 390 | -.165 | .052 | .012 | -.381 | 320 | 532 | .020 | .084 | .378 | -.354 | 320 | 582 | -.146 | .052 | .058 | -.384 |
| 320 | 391 | -.162 | .046 | -.025 | -.351 | 320 | 533 | .000 | .073 | .347 | -.216 | 320 | 583 | -.116 | .047 | .088 | -.334 |
| 320 | 392 | -.156 | .040 | -.010 | -.338 | 320 | 534 | -.108 | .061 | .300 | -.417 | 320 | 584 | -.148 | .051 | .047 | -.509 |
| 320 | 393 | -.159 | .042 | -.009 | -.370 | 320 | 535 | -.142 | .063 | .140 | -.366 | 320 | 585 | -.010 | .081 | .582 | -.384 |
| 320 | 394 | -.193 | .068 | .071 | -.528 | 320 | 536 | -.012 | .077 | .349 | -.377 | 320 | 586 | -.010 | .067 | .460 | -.342 |
| 320 | 395 | -.171 | .068 | .075 | -.451 | 320 | 537 | .010 | .082 | .486 | -.494 | 320 | 587 | -.033 | .039 | .176 | -.193 |
| 320 | 396 | -.076 | .058 | .155 | -.331 | 320 | 538 | -.003 | .058 | .271 | -.248 | 320 | 588 | -.071 | .033 | .033 | -.214 |
| 320 | 397 | -.144 | .046 | -.001 | -.339 | 320 | 539 | .019 | .066 | .354 | -.228 | 320 | 589 | -.114 | .037 | .023 | -.304 |
| 320 | 398 | -.140 | .037 | -.012 | -.290 | 320 | 540 | -.003 | .056 | .352 | -.198 | 320 | 590 | -.152 | .047 | .004 | -.431 |
| 320 | 399 | -.106 | .031 | -.013 | -.271 | 320 | 541 | .015 | .063 | .505 | -.202 | 320 | 591 | .015 | .072 | .315 | -.271 |
| 320 | 400 | -.098 | .031 | .012 | -.355 | 320 | 542 | .012 | .055 | .377 | -.209 | 320 | 592 | .022 | .064 | .330 | -.181 |
| 320 | 401 | -.083 | .037 | .053 | -.239 | 320 | 543 | -.009 | .046 | .213 | -.186 | 320 | 593 | -.013 | .037 | .206 | -.125 |
| 320 | 402 | -.094 | .039 | .048 | -.274 | 320 | 544 | -.003 | .044 | .323 | -.217 | 320 | 594 | -.087 | .039 | .025 | -.267 |
| 320 | 403 | -.101 | .047 | .105 | -.328 | 320 | 545 | -.000 | .046 | .252 | -.145 | 320 | 595 | -.085 | .037 | .037 | -.223 |
| 320 | 404 | -.094 | .038 | .079 | -.267 | 320 | 546 | .008 | .043 | .285 | -.151 | 320 | 596 | -.096 | .040 | .041 | -.288 |
| 320 | 405 | -.082 | .029 | .040 | -.190 | 320 | 547 | .035 | .056 | .342 | -.127 | 320 | 597 | -.102 | .046 | .097 | -.276 |
| 320 | 406 | -.083 | .029 | .057 | -.202 | 320 | 548 | .038 | .058 | .366 | -.107 | 320 | 598 | -.087 | .056 | .106 | -.311 |
| 320 | 407 | -.063 | .032 | .051 | -.174 | 320 | 549 | -.057 | .114 | .292 | -.943 | 320 | 599 | -.019 | .048 | .135 | -.208 |
| 320 | 408 | -.069 | .037 | .067 | -.229 | 320 | 550 | -.034 | .104 | .336 | -1.150 | 320 | 600 | -.045 | .054 | .200 | -.366 |
| 320 | 501 | .028 | .273 | .732 | -1.115 | 320 | 551 | -.033 | .087 | .347 | -.490 | 320 | 701 | -.149 | .066 | .090 | -.748 |
| 320 | 502 | .104 | .222 | .729 | -.703 | 320 | 552 | -.056 | .080 | .281 | -.487 | 320 | 702 | -.207 | .084 | .037 | -.575 |
| 320 | 503 | .101 | .158 | .721 | -.384 | 320 | 553 | -.104 | .070 | .238 | -.541 | 320 | 703 | -.218 | .087 | .009 | -.665 |
| 320 | 504 | .078 | .143 | .597 | -.409 | 320 | 554 | -.136 | .068 | .141 | -.617 | 320 | 704 | -.211 | .087 | -.001 | -.875 |
| 320 | 505 | .004 | .127 | .437 | -.498 | 320 | 555 | -.098 | .072 | .241 | -.457 | 320 | 705 | -.226 | .089 | -.042 | -.803 |

APPENDIX A -- PRESSURE DATA: CONFIGURATION C: QUAD BLOCK BUILDING, TAMPA, FLORIDA

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 320 | 706 | -.208 | .080 | .011 | -.695 | 320 | 731 | -.174 | .049 | -.018 | -.420 | 320 | 919 | -.211 | .065 | -.002 | -.472 |
| 320 | 707 | .128 | .278 | .913 | -1.640 | 320 | 732 | -.136 | .044 | .014 | -.329 | 320 | 920 | .052 | .108 | .551 | -.477 |
| 320 | 708 | -.078 | .191 | .437 | -1.185 | 320 | 733 | -.194 | .051 | -.067 | -.443 | 320 | 921 | .028 | .120 | .575 | -.480 |
| 320 | 709 | -.045 | .103 | .324 | -.667 | 320 | 734 | -.157 | .050 | -.002 | -.508 | 320 | 922 | -.002 | .089 | .493 | -.244 |
| 320 | 710 | -.058 | .084 | .382 | -.523 | 320 | 735 | -.059 | .061 | .238 | -.309 | 320 | 923 | -.078 | .082 | .445 | -.384 |
| 320 | 711 | -.145 | .138 | .165 | -.938 | 320 | 736 | -.073 | .050 | .082 | -.314 | 320 | 924 | -.010 | .083 | .532 | -.293 |
| 320 | 712 | -.031 | .098 | .373 | -.933 | 320 | 901 | -.177 | .055 | -.031 | -.547 | 320 | 925 | -.031 | .097 | .536 | -.337 |
| 320 | 713 | -.019 | .057 | .224 | -.245 | 320 | 902 | -.176 | .056 | -.021 | -.526 | 320 | 926 | -.238 | .072 | .006 | -.914 |
| 320 | 714 | .014 | .059 | .398 | -.185 | 320 | 903 | -.123 | .042 | .006 | -.281 | 320 | 927 | -.218 | .057 | -.038 | -.511 |
| 320 | 715 | .018 | .104 | .465 | -.391 | 320 | 904 | -.152 | .045 | -.015 | -.385 | 320 | 928 | -.208 | .056 | -.022 | -.504 |
| 320 | 716 | .053 | .094 | .517 | -.308 | 320 | 905 | -.142 | .040 | -.031 | -.364 | 320 | 929 | -.194 | .117 | .185 | -.583 |
| 320 | 717 | -.127 | .064 | .082 | -.409 | 320 | 906 | -.125 | .059 | .025 | -.594 | 320 | 930 | -.154 | .136 | .290 | -.697 |
| 320 | 718 | -.205 | .065 | -.034 | -.614 | 320 | 907 | -.128 | .055 | .066 | -.451 | 320 | 931 | -.005 | .168 | .579 | -.760 |
| 320 | 719 | -.257 | .107 | -.020 | -1.024 | 320 | 908 | -.198 | .064 | -.046 | -.645 | 320 | 932 | -.161 | .123 | .204 | -.594 |
| 320 | 720 | -.174 | .077 | .017 | -.577 | 320 | 909 | -.189 | .051 | .058 | -.427 | 320 | 933 | .006 | .171 | .580 | -.456 |
| 320 | 721 | -.246 | .081 | -.055 | -1.231 | 320 | 910 | -.200 | .058 | .050 | -.474 | 320 | 934 | -.258 | .196 | .292 | -.968 |
| 320 | 722 | -.279 | .090 | -.071 | -.773 | 320 | 911 | .022 | .090 | .486 | -.262 | 320 | 935 | -.068 | .117 | .228 | -.672 |
| 320 | 723 | -.260 | .088 | -.037 | -.725 | 320 | 912 | .007 | .078 | .325 | -.240 | 320 | 936 | -.047 | .075 | .231 | -.357 |
| 320 | 724 | -.178 | .065 | .079 | -.546 | 320 | 913 | -.014 | .065 | .307 | -.212 | 320 | 937 | -.232 | .141 | .200 | -.744 |
| 320 | 725 | -.194 | .080 | -.017 | -.685 | 320 | 914 | -.085 | .059 | .160 | -.324 | 320 | 938 | -.100 | .091 | .170 | -.581 |
| 320 | 726 | -.150 | .063 | -.008 | -.669 | 320 | 915 | -.065 | .062 | .218 | -.311 | 320 | 939 | -.045 | .069 | .167 | -.526 |
| 320 | 727 | -.184 | .050 | -.017 | -.517 | 320 | 916 | -.054 | .062 | .298 | -.258 | 320 | 940 | -.172 | .100 | .188 | -.789 |
| 320 | 728 | -.190 | .065 | -.033 | -.681 | 320 | 917 | -.231 | .065 | -.051 | -.632 | 320 | 941 | -.099 | .089 | .165 | -.568 |
| 320 | 729 | -.140 | .070 | .100 | -.567 | 320 | 918 | -.217 | .065 | -.038 | -.469 | 320 | 942 | -.045 | .075 | .180 | -.471 |
| 320 | 730 | -.213 | .048 | -.064 | -.438 | | | | | | | | | | | | |